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# DROUGHT RESISTANT PLANTS

From over the world to  
the world over.



CATALOGUE NO. 7

## KNICKERBOCKER CACTI and SUCCULENT GARDENS

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## FOREWORD

### *Read Carefully*

These prices are F.O.B. San Diego, Calif. Heavy packages will be sent Express Collect, light ones by mail, in which case postage may be sent upon receipt of plants. This is to insure that I shall not be niggardly in the size of the plants I send you. This does not mean that I'll give you a \$1 plant for 15c, but the best 15c one I have. Please mention when ordering that you will send postage on receipt of plants. "S" indicates seedling. R.C. means rooted cut.

I do my very best about plant names, but cannot positively guarantee them as too many of them are still in doubt among the expert botanists.

This catalogue supersedes all former ones, and is not issued yearly.

### **DO NOT ORDER FROM OLD CATALOGUES**



### **CACTI FOR THE AMATEUR**

*By SCOTT E. HASELTON (1938)*

What Cacti are and how to grow them. The most popular and valuable book for the beginner. 150 pages and 160 illustrations, including color plate of 110 named Cacti. Paper bound \$1.00. Board bound \$1.50. (Foreign postage 15c).

*The thousands of letters of appreciation have led to a second printing within the first year.*



### **SUCCULENTS FOR THE AMATEUR**

*By BROWNE, WHITE, SLOANE, REYNOLDS*

*Edited by SCOTT E. HASELTON (1939)*

A companion book to aid the beginner in selecting and naming succulents other than Cacti. Clear illustrations of 400 plants and introductions to 800 names. 11 color plates. 172 pages. Paper bound \$1.50. Cloth bound \$2.00. (Foreign postage 15c.)

*Endorsed by the Cactus and Succulent Society of America. This book is priced at one third of its value so that every Succulent grower may have one.*



### **CACTUS AND SUCCULENT JOURNAL**

Published monthly by the Cactus and Succulent Society of America. Of interest to amateur and scientist. \$3.00 per year includes membership to Society. Address Box 101, Pasadena, California, or order from me.

## THE DESERT PLANT LIFE

A worthwhile monthly magazine devoted to Cacti and Succulents. \$1.50 per year. Address Box 68, Pasadena, California, or order from me.

### CULTURAL DIRECTIONS

#### Ideal Soil Mixture

Mix 1 part sand, 1 part garden soil, 1 part leaf mould, 1 part well rotted manure and screen. To this mixture add 1 tablespoon of air slaked lime and 1 tablespoon of powdered charcoal to a 5-in. pot. The lime should not be used with *Epiphylla* and related genera.

#### Cacti

Globular forms require a small amount of moisture if grown in pots. It is well to have very coarse sand, gravel or broken stones directly under the plant.

Columnar forms may be planted directly into the soil mixture.

A half cup of water to a 5-in. pot each week is sufficient during the growing season for the larger Cacti. During the cold or dormant season it is well to water very sparingly. *Epiphylla*, either in pots or in the ground, require shade and plenty of moisture. Cactus plants in the ground do best if kept slightly damp during the growing season.

#### Succulents

Succulents, generally speaking, will stand more water than Cacti and a richer, heavier soil. My plants are field grown and very sturdy. They are not at all like the tender plants grown under glass and can be grown out of doors anywhere in the United States during the frostless season if given good drainage so that the base of the plant is not kept unduly wet. In winter water sparingly.

#### FERTILIZER

Any good commercial fertilizer may be used, or weak manure water, given at two week intervals during the growing season only, gives good results.

One thing to remember is, that in the limited root space of a pot or bowl, a plant never reaches its maximum size and many plants in one bowl will remain small.

# KNICKERBOCKER CACTI AND SUCCULENTS

NEFF K. BAKKERS

## Catalogue No. 7

Prices subject to change for the following reasons:  
Small ones becoming large increase in price.

Those of ready propagation becoming numerous  
decrease in price.

Please make checks and money orders payable to:  
Neff K. Bakkers

DO NOT ORDER FROM OLD CATALOGUES



## S U C C U L E N T S

### ADROMISCHUS

A. cooperi. S. Afr. Thick, spotted, brown leaves like plover's eggs .....	25c
A. cooperi-macalatus hybrid. Gray green purple spotted thick leaves .....	35c
A. cristatus. S. Afr. Green, downy, crenulate leaves in a pleasing rosette .....	25c
A. maculatus. A real gem for a pot plant. Purple mottled on a green ground, not common. Small plant.....	50c

### AGAVE

#### The century plant

Suitable for hillsides and large plantings along with *Aloes*. A few varieties are small and lovely for urns and smaller pots.

Agave americana var marginata.....	25c
var. medio picta. Central yellow band.....	25c
var. variegata. Variously lined.....	25c
A. attenuata. Mexico. Soft green rosettes, unarmed, one of the best .....	25c, 50c, \$1.00

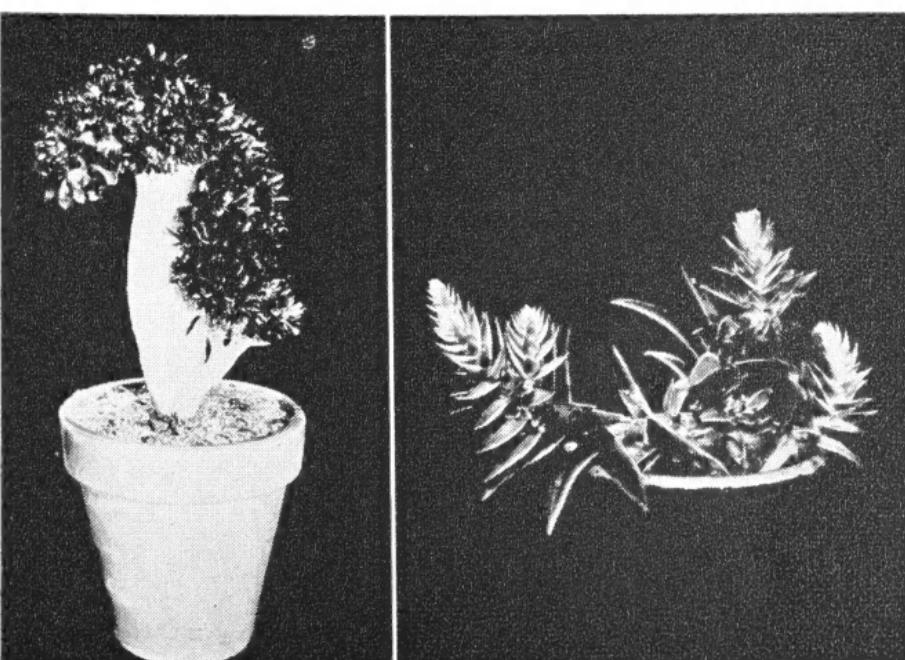


*Agave Victoria-reginae*

- A. decipiens*. Yucatan. Beautiful stately dark green; curved stiff leaves, Suckers should be kept off, 6 to 8 feet tall mature. Stays small in pots.....10c to 25c
- A. ferdinandi-regis* (*A. nickelsiae*). Mexico. One of the small beautiful varieties similar to *victoria-reginae* but differing in fewer leaves and more open rosettes and a triple instead of a single terminal spine 25c to \$1
- A. ferox*. Mexico. One of the loveliest with waxy concave outcurved dark green leaves 12 to 48 in. long .....25c to \$1.00
- A. maculata*. Beautiful serrated leaves, Mexico.....35c
- A. Parryii*. Dark green narrow leaves, small prickles. N. M., Mex., Ariz. .....25c
- A. perplexans*. Small and compact. Outcurving threads and marbling of white lines make it a very decorative plant.....25c and 50c
- A. Shawi*. San Diego and Lower Calif. Handsome; dark green, red teeth .....50c to \$2.00
- A. utahensis*. Gray blue,, beautifully marbled.....25c to 50c
- A. victoria-reginae*. A perfect plant like a piece of carving Globose; incurved, heavy leaves 8 in. long when mature. Marbled with white.....25c to \$1.00

### AEONIUM

- A. arboreascens*. Green.....15c to 25c  
var. *atropurpurea*. Brownish rosettes.....15c to 25c  
Crests of *atropurpurea* very handsome. Like cock's comb .....50c to \$1.00
- A. decorum*. Rather small rosettes on shrub, turning beautiful color in fall .....15c
- A. Haworthi*. Very stiff leaved rosette on small shrub....15c
- A. Lindleyii*. Soft downy dark green rosettes.....25c
- A. nobile*. Very rare plant. Makes a large rosette.....35c
- A. tabulaeforme*. Leaves inlaid like marquetry. A downy, absolutely flat rosette.....35c to 50c
- A. sedifolium*. Small shiny rosettes in clumps.....15c
- A. tourneforti*. Serrated edges, small rosettes on a shrub 35c



*Aeonium arboreum var.  
atropurpureum cristatum*

*Crassula elata*

*Aichryson domesticum variegatum*. For those who like variegated plants, a little gem..... 35c

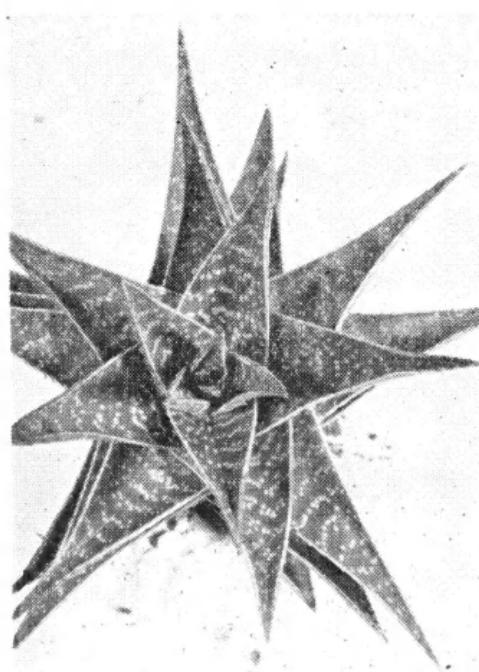
The above are a group of showy plants consisting of many stalked rosettes. Most of them are natives of the Canary Islands.

## ALOES

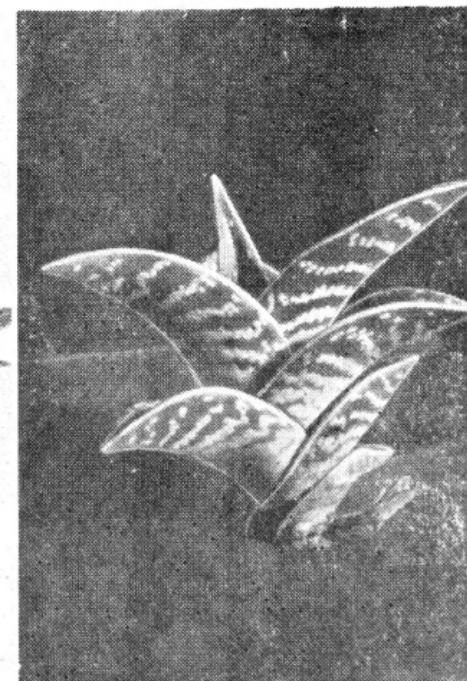
Choice of one each of any 5 marked with asterisk (\*) for \$1.00 postpaid. If you care to pay the postage, larger plants will be sent in all collection offers.

Foreword: For canyon hillsides and larger plantings, nothing can exceed the larger *Agaves* and *Aloes*. *Aloes* are a blaze of color when in bloom. There are *Agaves* and *Aloes* to suit every taste and every requirement. Colors of blossoms range from pale yellow or green to orange and brilliant scarlet.

* <i>A. africana</i> . Cape. One of the most beautiful. Heavily warty. Handsome glossy flowers.....	50c
<i>A. andringitensis</i> . Madagascar. Nearly stemless, dark orange-red flowers .....	25c
* <i>A. arborescens</i> . The Torch or the Red Hot Poker. Forms clumps of enormous size with long spikes of brilliant blooms of orange scarlet, small.....	15c
<i>A. aristata</i> . Cape of Good Hope. The rarest of small <i>Aloes</i> . Very beautiful, like a large <i>Haworthia</i> . Closely set white marginal teeth. Slow to offset and never grows large. Has won a prize wherever shown .....	35c to \$1.00
<i>A. ausana</i> . Similar to <i>A. Variegata</i> but decidedly plumper with more obtuse leaves better and stronger.....	25c to \$1.00
<i>A. barbatoniae</i> . Blue green.....	25c
<i>A. Brunthalerii</i> . Very beautiful blossoms.....	50c
<i>A. Cameronii</i> . A very fine shiny leaved <i>Aloe</i> with beautiful blossoms.....	15c to 50c

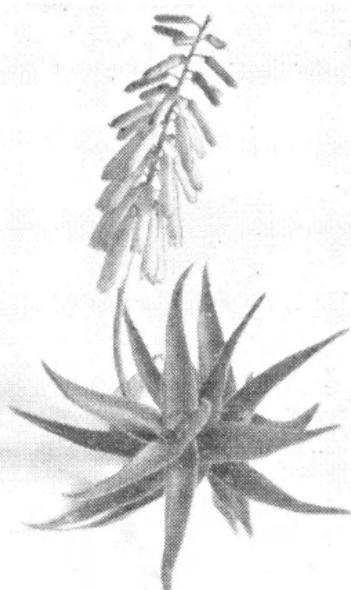
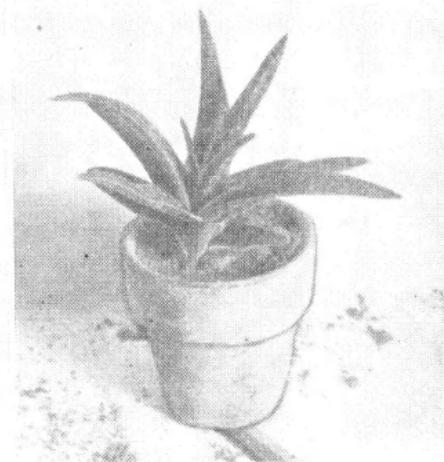


*Gasteraloe pethamensis*

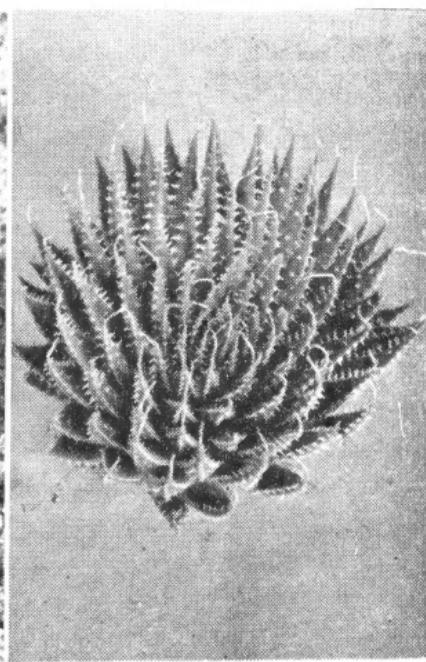


*Aloe ausana*

- \**A. ciliaris*. The climbing *Aloe* with exquisite green and red Xmas-candle-like blooms..... 15c to 25c

*Aloe ciliaris**Chamaeloe species*

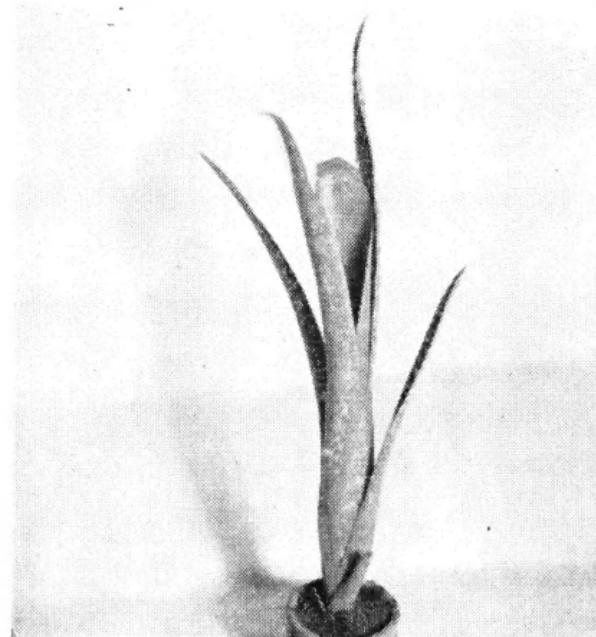
- \**A. commutata*. Large and beautifully marked..... 25c  
*A. davyana*. Spotted—from S. Africa. Rose red flowers 25c  
*A. Dinterii*. Rare, picturesque, dark with elongated white markings ..... 50c to \$1.00  
*A. distans*. Cape. Long, procumbent with exquisite corymb of flowers ..... 25c and 50c  
\**A. eru*. Tropical Afr. Unique in form and blooms. Flowers dainty, clustered; suitable for bouquets ..... 15c and 25c  
\**A. grandidentata*. Cape. Beautifully striped. Young plants look like *Gasterias* and are suited to bowls ..... 10c to 25c  
\**A. humilis*. Cape. Make lovely clumps. Many teeth, grey-green ..... 15c  
\*var. *brevifolia*. Small enough to put into bowls or small rockeries. Blue-green. Makes big clusters..... 10c  
var. *echinata*. Smallest of all. Looks more like a *Haworthia* than an *Aloe*. Blue-green in color, heavily warted, slow to increase. Good bloomer..... 50c  
*Aloe Marlothi*. Strongly tubercled. Blue..... 15c

*Aloe marlothi**Aloe Aristata*

<i>A. mitriformis.</i> Cape. Lovely; warded. Each leaf has a central line of protuberances distinguishing it from <i>A. nobilis</i> . Blossoms like a dainty parasol....	25c to 50c
* <i>A. nobilis.</i> Cape. Similar to foregoing but much more prolific and a lighter green.....	15c to 35c
<i>A. praetensis.</i> Seedlings, one of the best medium size bluish, heavily warded, orange flowers.....	15c and 25c
<i>A. robusta.</i> Blue green; heavily marginate teeth; lemon and orange blossoms.....	25c to 50c
<i>A. saponaria</i> .....	15c to 25c
<i>A. saponaria variegata.</i> Variegated with yellow stripes .....	15c to 25c
<i>A. speciosa.</i> Grey blue; closely set auburn spines.....	25c
* <i>A. striata.</i> Cape.....	25c to \$1.00
var. <i>rhodocinta (handburyana)</i> . Large with purple shadings. Many offshoots .....	15c to 25c
<i>A. striatula.</i> Cape. Resembling <i>A. ciliaris</i> in form. Yellow blooms .....	25c
* <i>A. Thraski.</i> A drooping, different, large growing Aloe	\$2
* <i>A. variegata.</i> Cape of Good Hope. The most popular and unique. Noted for its variety of common names; Parrot, Whip-poor-will, Pheasant's Breast, Tiger Cactus, etc. Everyone should have one. A most beautiful pot plant.....	25c to \$1.00
* <i>A. vera.</i> Lovely pastel grey green with satiny smoothness. Pure yellow blooms. An aristocrat.....	15c to 25c
* <i>A. zebrina. (Baumi).</i> Tropical Africa.....	35c
<i>Chamaealoe hybrid.</i> A new, interesting plant resembling a <i>Haworthia</i> .....	25c
<i>Anacampseros telephastrum.</i> S. Afrdlete. Small, succulent plant with thick leaves and lilac fls....	15c to 25c

## BROMELIADS

*Billbergiae* bear blossoms of unique beauty with startling combinations of color.



*Billbergia hybrid*

<i>Billbergia nutans</i> . Brazil. Blossoms vivid green with purple margins rising from a pink sheath.....	25c
B. <i>nutans</i> x <i>pallida</i> . Lovely leaves of shining brown with gold dots .....	50c
Dyckias are small pineapple like plants with tall racemes of deep yellow to orange plush flowers.	
<i>Dyckia rariflora</i> .....	15c to 25c
<i>D. sulphurea</i> .....	15c to 25c
<i>Guzmania lingulata</i> var. <i>cardinalis</i> . Like a pineapple plant with brownish, green leaves turning a vivid red when ready to bloom. It bears a cluster of orchid, waxen blossoms on a thick, red stalk. Grows in the open to be 3 ft. across. "The Heart of Flame".....	25c to 50c

## COTYLEDON

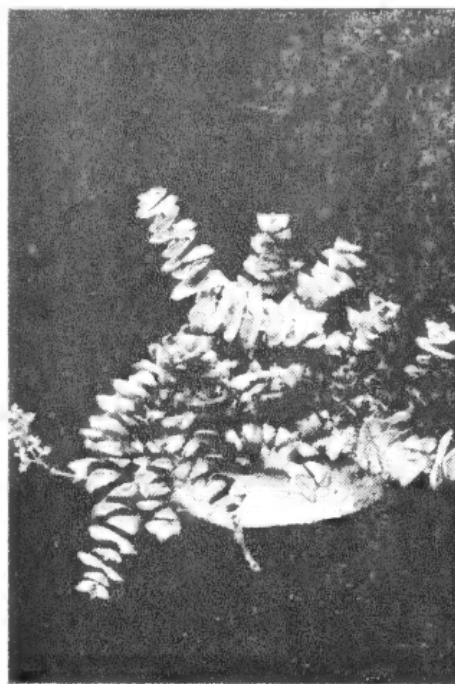
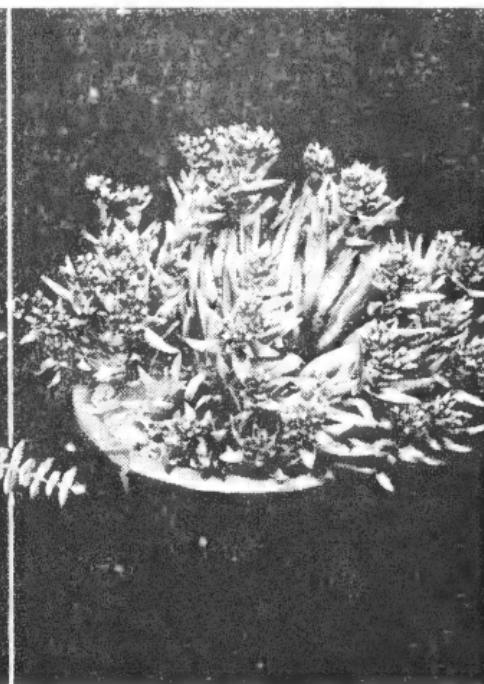
<i>C. Hybrid of papillosa</i> . Red brown tips unique.....	15c
<i>C. mucronata</i> . Also known as <i>undulata</i> and <i>coronata</i> Africa. The loveliest of all. Thick, opalescent, downy leaves with deeply crenulated edges.....	35c
<i>C. orbiculata</i> . S. Afr. Similar to <i>Barbeyi</i> but coarse and big beside it bearing, like all of the Cotyledons, a drooping cluster of lovely blooms.....	15c to 25c
var. <i>Barbeyi</i> . Powdery gray with red margins.....	25c
var. <i>macrantha</i> . Green with red edges. Wonderful red blooms at Xmas time. A true Xmas plant.....	25c
var. <i>oophylla</i> . One of the most interesting, with small egg shaped leaves. Page 78 Succulent Book....	35c

## CRASSULA

Choice of any ten of the following marked by an asterisk (\*) \$1.00 postpaid.

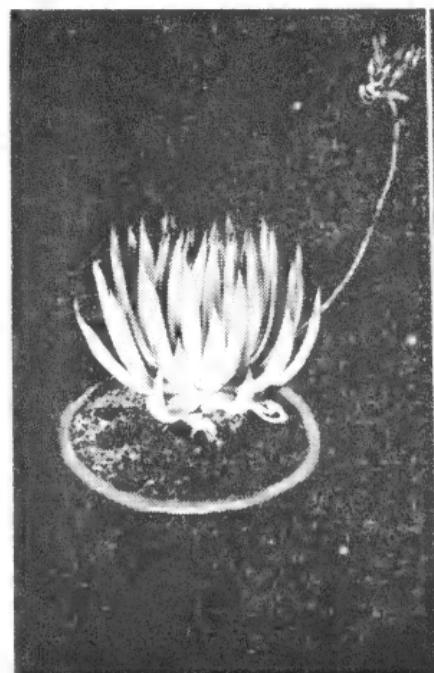
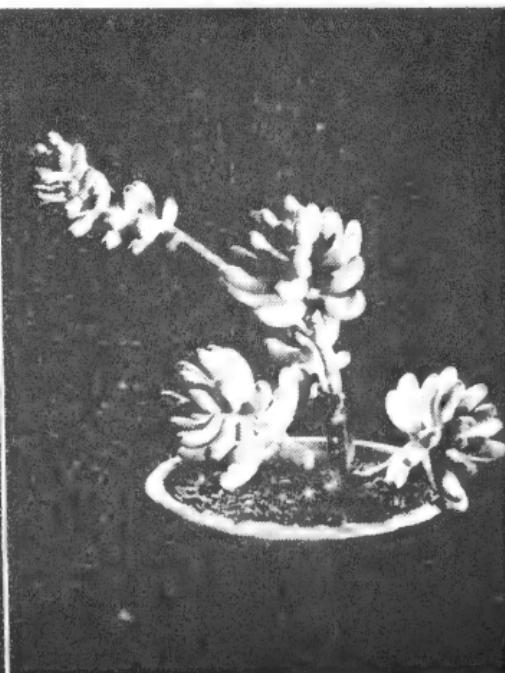
<i>C. arborescens</i> . Cape. Requires shade. Dull grey with purple margins. Slow propagator. Matte finish.....	25c
<i>C. brevisetosa</i> . Downy spike, white flowers.....	15c
* <i>C. cordata</i> . Small leaves; a vine well suited to hanging baskets; fairy-like pink blooms.....	10c
* <i>C. corymbulosa (collinberi)</i> . Leaves pointed, thick; in rosettes that turn beautifully red in the sun and bear a spike of pretty pink posies.....	15c to 25c
<i>C. dejecta</i> . Low growing, powder gray.....	25c
* <i>C. elata</i> . A good plant for hanging baskets and to plant in rocks. Pyramidal growth, but drooping. Fragrant flowers .....	15c
* <i>C. falcata</i> . One of the best. Blue grey matte surface; unique in shape. Brilliant orange-scarlet clusters of flowers .....	25c up
* <i>C. imperialis</i> . Thick, compact, many stems, attractive...15c	
<i>C. longifolia</i> . Blossoms almost identical to that of <i>C. falcata</i> but plant grows to be 4 ft. tall.....	35c to 50c
* <i>C. lycopodioides</i> . Common. Kept boxed and trimmed makes a fine border .....	10c
* <i>C. multicava</i> . Good for hanging baskets but too prolific for a garden.....	10c
<i>C. orbicularis</i> . Downy green leaves with protruding stems bearing plantlets .....	15c
<i>C. perforata</i> . Unique, like square buttons on a string...15c	
<i>C. rubricaulis</i> . Green with red-brown edges.....	15c
* <i>C. rupestris (C. monticola)</i> . Pink flowered.....	15c
* <i>C. sarmentosa</i> . Shiny green leaves. Pendant. Good for hanging baskets .....	15c

- C. Schmidtii. (impressa, rubicunda).* Blooms all summer; a dainty, little thing for rockeries. Clusters of tiny, deeply rose colored flowers. Charming ..... 15c to 25c
- \**C. spathulata.* Partly creeping with delicate flowers; suitable for hanging baskets..... 15c
- \**C. tetragona.* Cuttings in bowls resemble trees. Easily rooted. Brittle ..... 10c
- \**C. portulacea.* Commonly called *aborescens*. Suitable for narrow parkings. Shining thick bronzed leaves. Pink blooms. The Jade Plant..... 15c to 50c
- Allied plant: *Rochea coccinea*. Lovely red blooms..... 25c

*Crassula perforata**Crassula Schmidtii***DUDLEYA**

Close Relatives of  
ECHEVERIA and COTYLEDONS

- D. Brittoni.* The lovely, pure, white, powdery Dudleya from Lower California..... 75c
- D. candida.* Rare, from Coronado Islands. Pure white. Beautiful ..... 50c to 75c

*Dudleya candida**Sedum treleasei*

<i>D. farinosa.</i> Grey; red brown tips. Powdery. An exquisite pot plant from Carmel, Calif.....	15c to 25c
<i>D. lanceolata.</i> Native of S. Calif. Attractive, iridescent leaves and red flowers.....	25c
Allied plants: <i>Stylophyllum edule.</i> San Diego, Calif. Unusual looking pencil like leaves.....	15c
<i>Stylophyllum Orcutti.</i> Smaller than the above with greyish, powdery leaves. Attractive.....	25c

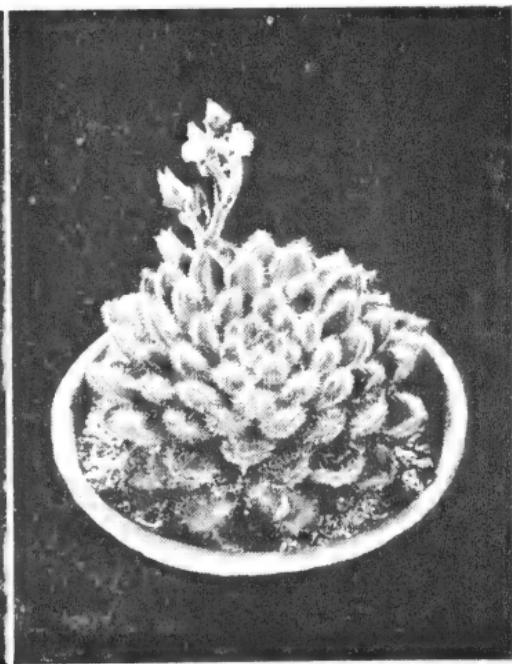
## ECHEVERIA

One of each of any 8 marked with asterisk (\*) \$1.00  
postpaid U. S. A. Large ones if you pay the postage.

<i>E. crenulata. (rosea-grandis).</i> One of the largest and most beautiful. Curving leaves with bright red margins .....	35c to \$1.00
<i>E. crispa.</i> Similar to <i>E. crenulata</i> but grows larger .....	20c to \$1.00
<i>E. cuspidata.</i> Perfect rosettes, waxy with red borders and tips. Excellent.....	35c to \$1.00
<i>E. derenbergii.</i> Pale green, thick leaves with orange colored fls. Very attractive, small.....	15c
<i>E. Doris-Taylor.</i> Very lovely new downy hybrid of <i>E. setosa</i> .....	25c and 35c
* <i>E. elegans.</i> Pale bluish green, translucent as if made of wax with pink waxy blossoms.....	15c to 35c
* <i>E. elegans x weinbergi</i> .....	15c
* <i>E. Funckii. (australis).</i> Flat; grey-green matte-finish rosettes .....	15c
* <i>E. gibbiflora</i> var. <i>flammea</i> . Highly colored with lovely blooms lasting 4 months. ....	15c to 50c
<i>E. gilva.</i> Formerly wrongly known as <i>simulans</i> . In form like a water lily. Yellow green leaves with red tips. Lovely .....	15c to 25c
<i>E. Globosa.</i> Small, blue .....	10c
* <i>E. Harmsi (Oliveranthus elegans).</i> Flowers lovely, gold lined, scarlet bells .....	15c to 25c
<i>E. Harmsi hybrid.</i> Free bloomer, downy leaves.....	25c

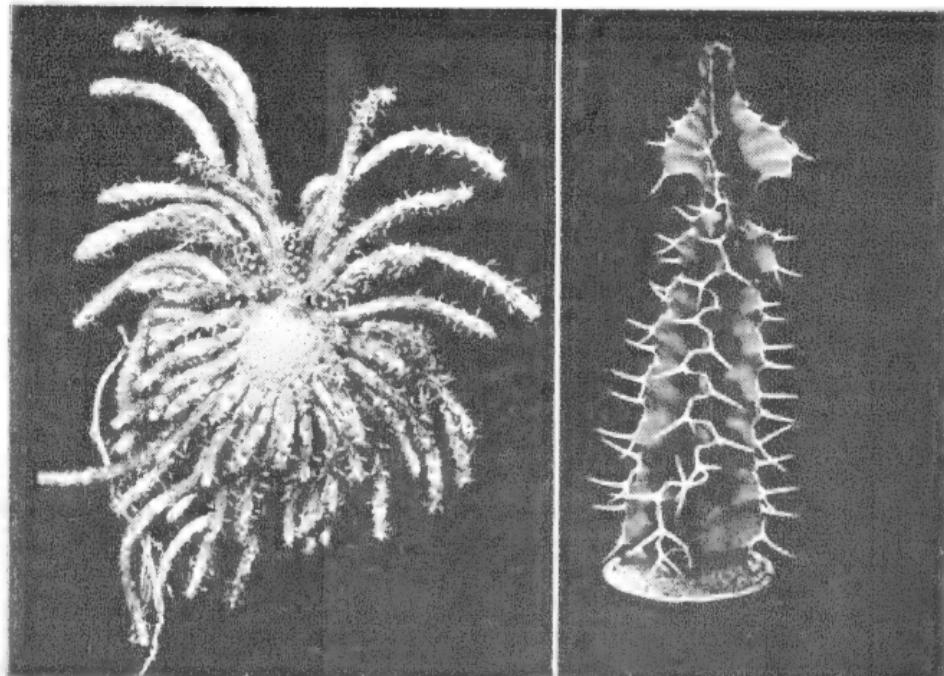


*Echeveria pubescens*  
var. *recurvata*



*Echeveria setosa*

<i>E. Hoveyi.</i> One of the most lovely with long, grey, green leaves and pinkish variegations. Shade loving	15c to 50c
<i>E. imbricata.</i> (so called). Enormous in size, beautifully colored iridescent hues. Very waxy leaves	35c to 75c
<i>E. La Rochette.</i> A beautiful opalescent thick leaved hybrid with charming rose flowers	35c
<i>E. leucotricha.</i> A distinct Echeveria with a remarkable pubescence. Scarlet blossoms	30c to 50c
* <i>E. linguaefolia.</i> Thick, fleshy, pale leaves. Flowers cream colored. Individual	25c
* <i>E. multicaulis.</i> A charming little Echeveria. Shining leaves that turn red in the fall	15c to 25c
<i>E. nivalis.</i> Gray blue with rosy tips	35c
<i>E. nodulosa.</i> A shrubby plant. Leaves striped with purple. Unlike any of the others	25c
<i>E. Orpeti.</i> Very handsome red hybrid	35c
<i>E. Palmeri.</i> Blue, full flowering	15c to 50c
<i>E. Pittieri.</i> Yellow-green, red tipped, tall growing	25c
<i>E. pubescens</i> ( <i>Pringlei, mexicana</i> ). Downy; lovely scarlet blooms	15c and 25c
var. <i>recurvata.</i> ( <i>Pringlei var. tortuosa.</i> ) Attractive curling leaves	25c
<i>E. pulvinata</i> ( <i>villosa</i> ). Very similar to <i>leucotricha</i> but has red bordered leaves. Handsome	35c to 50c
* <i>E. secunda-glaucia.</i> The common hen and chickens. The true <i>imbricata</i>	10c
* <i>E. setosa.</i> Dense globular rosette. Green leaves and orange flowers both entirely covered with bristles. a perfect pot plant	15c to 50c
<i>E. set-oliver.</i> Interesting hybrid of <i>E. setosa</i> . Free flowering	15c
<i>E. sub-rigida.</i> Dense mat, bluish green tinged with purple or bright red. Exceedingly fine	15c to 35c
<i>E. Weinbergii.</i> Delicately beautiful shell pink, like a piece of carving	15c



*Euphorbia* .  
*caput-medusae minor*

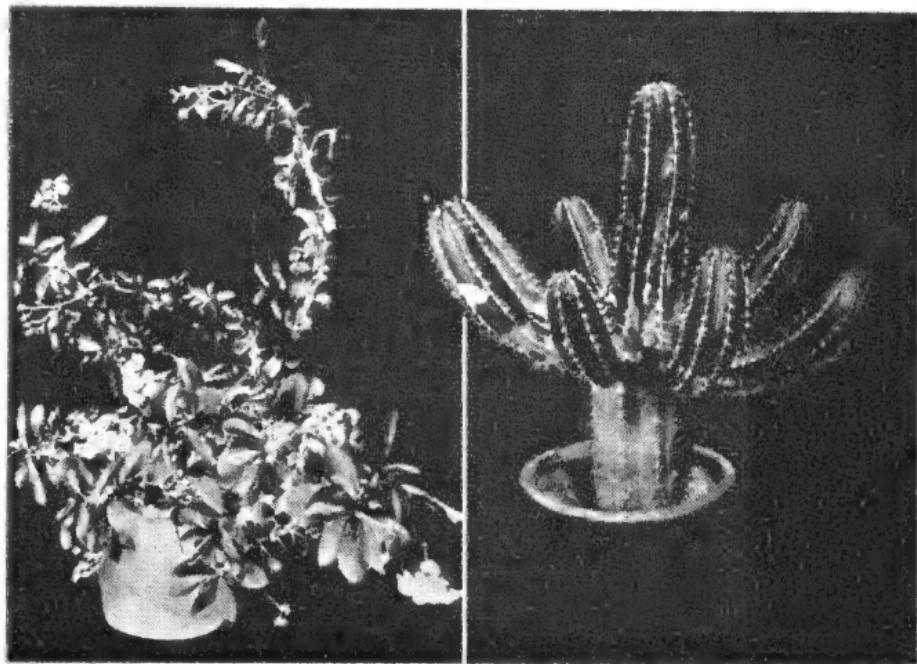
*Euphorbia grandicornis*

## EUPHORBIA

*Euphorbias* are to the African what the *Cacti* are to the American Desert, and are often mistaken for *Cacti* by travelers.

*E. abyssinica.* Rare and lovely..... \$2.00 and \$3.00

<i>E. alcicornis.</i> Flat deeply cut green stems. Grows very, very tall .....	35c to \$1.00
<i>E. bubalina</i> .....	35c
<i>E. canariensis.</i> Canary Islands. Four angled; bronze green .....	25c to \$1.00
<i>E. caput-medusae major.</i> Similar to the following but much larger. Beautiful heads of flowers.....	25c to \$1.00
<i>E. caput-medusae minor.</i> One of the most interesting pot plants. Many snaky stems from a round central head .....	25c to \$1.00
var. <i>Commelinii.</i> Cape region .....	25c to \$1.00
var. <i>Muirii</i> .....	50c

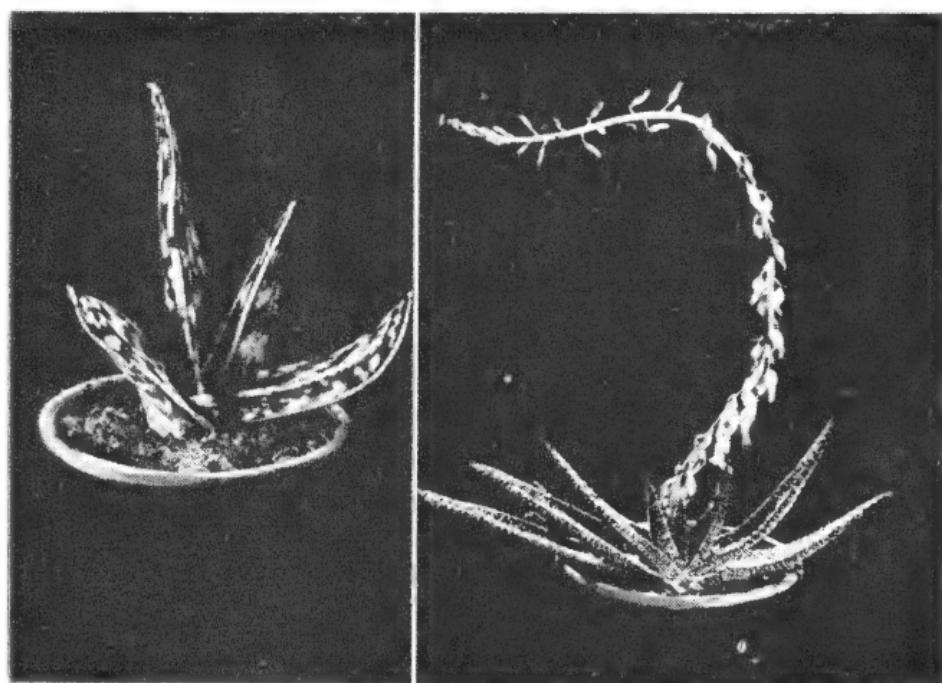
*Euphorbia splendens**Euphorbia echinus*

* <i>E. cereiformis.</i> Cape region. Many ribbed.....	15c to 50c
<i>E. coerulescens.</i> S. Africa. 4 to 6-angled bordered with tooth-like spines. Two to three in. thick.....	50c to \$3.00
<i>E. echinus</i> .....	25c to \$1.00
<i>E. Frankiana</i> .....	25c
<i>E. Frickiana</i> .....	50c
<i>E. globosa.</i> Peculiar pendant growth.....	25c up
<i>E. grandicornis.</i> S. Africa. Probably the most striking of all the <i>Euphorbiae</i> . Looks more like a Cactus than many of the Cacti.....	35c to \$5.00
* <i>E. grandidens.</i> S. Africa. Slender, with many marginal spines on a deeply dentate margin. Makes a shrub of great interest. ....	25c to \$5.00
<i>E. hermentiana.</i> Used by natives of W. Africa as totem poles, for building hedges and poisoning arrows. Marbled, angled, branched.....	\$1.00 up
<i>E. horrida.</i> Red spined, profusely branched, very attractive .....	\$1.00
<i>E. ingens monstrosa.</i> Wonderful .....	50c to \$1.00
<i>E. lactea.</i> East Indies. Three angled with marbled white markings .....	25c up
Good crests .....	to \$1.00
<i>E. Lemaireana.</i> Queerly angled, like <i>grandicornis</i> , but more delicately cut and marbled.....	50c
* <i>E. mammillaris.</i> Cape region. Called the "Corn Cob," which it resembles.....	15c to 25c
<i>E. meloformis.</i> Cape region. Dark green, globular with depressed centers. One of the three globular forms. 1½ in. to 3 in.....	25c, 50c & \$1.00

<i>E. nerifolia</i> . India. Shubby. Grows to 6 to 7 ft., 8 to 10 in. in diam. Heavily horned stem with large leaves .....	50c up
<i>E. obesa</i> . S. Africa. Globular, marked like a piece of gingham and very fascinating. 1 in. to 1½ in. ....	\$1.00 to \$1.25
<i>E. ornithopodus</i> . The bird foot. Cylindrical straggling joints .....	30c
<i>E. Pfeifferii</i> . Africa. Attractive miniature plant with red spines and many heads.....	25c to 75c
<i>E. pseudocactus</i> . Profusely marbled with white sharply angled ribs .....	25c up
<i>E. resinifera</i> . S. W. Morocco. 4-angled, many branches, yielded the Euphorbia Gum of the ancients....	25c to \$2
<i>E. similis (natalensis)</i> . Natal. Looks like a large Cereus. ....	\$1.00 to \$10.00
* <i>E. splendens</i> . Madagascar. "Crown of Thorns." A lovely pot plant with red flowers almost continual. Can be twisted and trained into many forms	25c to \$2.50
* <i>E. tirucali</i> . S. Asia.....	15c
<i>E. trigonus</i> .....	35c
* <i>E. xylophyloides</i> . Madagascar. Interesting, fine. Flat, thick, ½-in. wide, leaf-like branches.....	35c and 50c

### GASTERALOE

*Gasteraloes* are hybrids of *Gasterias* and *Aloes*. Usually marked like the *Gasterias* and formed in rosettes like most of the *Aloes*.



*Gasteria maculata*

*Gasteria verrucosa*

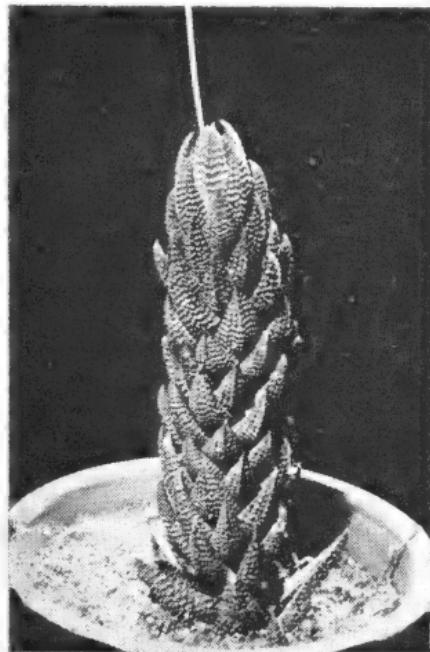
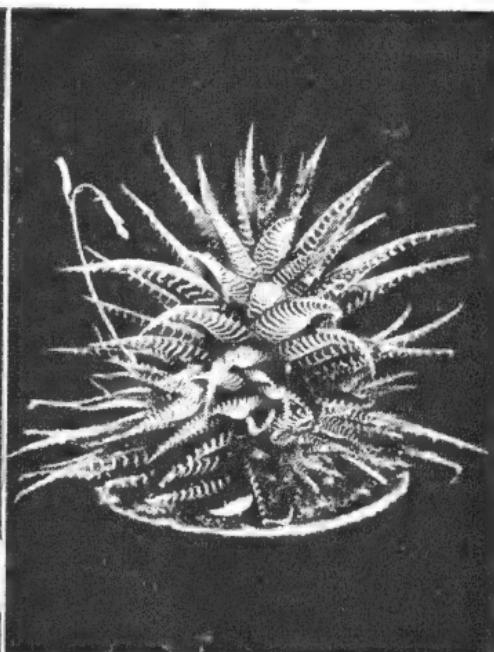
<i>G. Beguini</i> . Dark green, heavily warted. Looks like a <i>Haworthia</i> but larger and very good.....	15c to \$1.00
<i>G. mortolensis</i> . Smooth, mottled, light green, heavy leaves .....	25c up
<i>G. pethamensis</i> . A dark, beautifully mottled plant .....	15c to \$1.00

### GASTERIA

<i>Gasterias</i> are charming, generally two ranked plants. The leaves are commonly green mottled with white.	
Africa. They are unless otherwise stated.....	25c to 50c
<i>G. acinacifolia</i> .....	
<i>G. Armstrongii</i> . Very unusual like dark embossed leather. True .....	75c
<i>G. caespitosa</i> . Narrow densely spotted leaves. Grows small .....	50c

<i>G. carinata</i>	.....	
<i>G. dicta</i> . Very cespitose	.....	
<i>G. excelsis</i> . Rare. Sage green, flat purple mottled	.....	50c
<i>G. latifolia</i>	.....	
<i>G. maculata</i> . Beautifully mottled glaucous variety becoming pink in the sun.	.....	
<i>G. nitens</i> . Similar to <i>maculata</i> but leaves longer and thinner	.....	
<i>G. obscura</i>	.....	
<i>G. punctata</i>	.....	
<i>G. spiralis</i> . Grows to a very large size for this genus	.....	
<i>G. Stayneri</i> . Flat topped, leathery dark green leaves. Rare	.....	75c
<i>G. sulcata</i> . A large variety with very smooth leaves and decidedly different from the other <i>Gasterias</i> .	.....	
<i>G. verrucosa</i> . One of the finest. Strictly two ranked. Heavily warty	.....	

<i>Graptopetalum amethystinum</i> . Mexico. Like most of them in this genus, but more beautifully colored. Lilac rose	.....	
<i>G. paraguayense</i> ( <i>Echeveria weinbergi</i> ). "Ghost plant." Pinkish-bluish opalescent. Very beautiful and easily propagated, hence cheap	.....	15c to 25c
<i>Greenovia dodrentalis</i> ( <i>gracile</i> ). Charming plant like a perfect little rose	.....	25c

*Haworthia reinwardtii**Haworthia fasciata*

## HAWORTHIA

One of each of any 5 marked with asterisks (\*) postpaid, \$1.00.

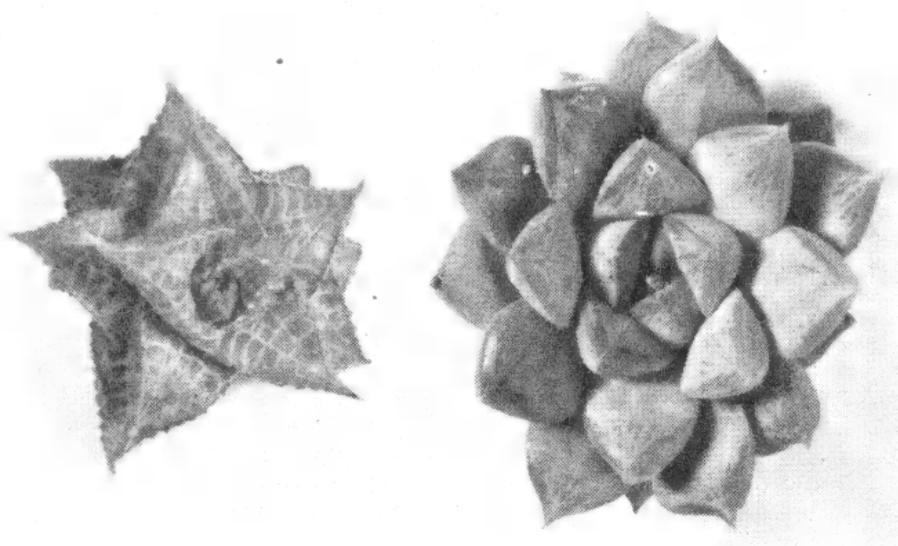
*Haworthias* are small, clustered plants, the leaves usually green and windowed or covered with small white dots. Suitable for pots. Africa. Do very well in the house.

W. in the following descriptions means windowed. Plants thus marked have translucent leaves.

<i>H. Armstrongii</i> . Tall growing narrow blue leaves, very rare	.....	\$1.00
<i>H. attenuata</i> . Very warty, tightly cupped leaves. Grows in full sun in Africa on rocky ground	.....	35c
<i>H. attenuata</i> . var. <i>Brittonae</i> . A very good plant, densely warty, large growing	.....	35c and 50c
var. <i>clariperla</i> . Very beautiful; dark green heavily warty	.....	35c

<i>H. atrovirens.</i> One of the smallest H.	Dark green, compact	15c
<i>H. caespitosa.</i> Not common, a windowed variety.....	35c	
* <i>H. Chalwini.</i> Similar to <i>Reinwardtii</i> in growth, darker green and much rarer.....	25c to \$1.00	
* <i>H. coarctata.</i> Slender and faintly warted; red in sun. Dark green in shade .....	25c	
<i>H. columnaris.</i> W. New, one of the larger varieties....	35c	
<i>H. confusa.</i> Very caespitose, serrated edges, Semi W....	35c	
* <i>H. cymbiformis.</i> Window Plant. Very light green; translucent and caespitose.....	10c to 25c	
<i>H. cymbiformis</i> var. <i>obtusa.</i> Larger than foregoing W. ....	35c	
<i>H. cuspidata.</i> Similar to the above but grows larger and more tightly cupped.....	35c	
<i>H. decipiens.</i> Graceful dark smooth leaves.....	35c	
<i>H. fasciata</i> var. <i>caespitosa.</i> Very striking with warts in distinct bands. One of the best.....	50c to \$1.00	
<i>H. glabrata concolor.</i> A very fine, dignified, upstand- ing <i>Haworthia</i> .....	35c	
<i>H. gracilis.</i> Beautiful dark serrated leaves. A lovely little plant .....	35c	
<i>H. Haageana.</i> Purple streaked. W.....	35c	
<i>H. helmae.</i> Narrow smooth edge pointed leaves. W.fff	35c	
<i>H. bielis.</i> Pointed translucent leaves. W.....	35c	
<i>H. Hurlingii.</i> Smallest of all. Not available till November '44. W.....	35c	
<i>H. integra.</i> Smooth retuse. W. ....	35c	
<i>H. laetevirens.</i> Translucent, pointed leaves.....	25c	
<i>H. limifolia.</i> Beautiful dark green ridged leaves, fine shape .....	\$1.00	
<i>H. margaritifera.</i> Very good. Leathery; heavily wart- ed; dark .....	15c to 50c	
var. <i>granata.</i> Much heavier pearls and rarer plant. Grows on coast in Africa in full sun. Handsome.....	\$1.00	
<i>H. metallica.</i> One of the rare ones. Darkly iridescent with fine dots.....	50c to \$1.00	
<i>H. pilifera.</i> One of the real window <i>Haworthias</i> .....	35c	
<i>H. planifolia.</i> W.....	25c	
<i>H. planifolia.</i> var. <i>setulifera.</i> One of the larger grow- ing smooth leaved. Very good. W. ....	35c	
* <i>H. radula.</i> Crowded with tiny tubercles on both sides of leaves .....	25c and 35c	
<i>H. reticulata.</i> A large interesting translucent type. Offsets .....	\$1.00	
<i>H. retusa.</i> "The Fairy's Table." Translucent window sets .....	\$1.00	
* <i>H. Reinwardtii Type.</i> Unusually beautiful, verrucose .....	35c to \$1.00	
* <i>H. Reinwardtii.</i> var. <i>conspicua.</i> Very heavily warted	\$1.00	
All <i>Reinwardtii</i> grow tall.		
<i>H. Reinwardtii.</i> var. <i>fallax.</i> Bright green narrow pointed leaves .....	\$1.00	
leaves .....	50c and \$1.00	
<i>H. rigida.</i> Concave, rather wrinkled leaves. Very erect .....	35c	

<i>H. Ryderiana.</i> Smooth light green leaves. W.....	35c
<i>H. Schmidtiana.</i> Dark leathery, unusual.....	50c to \$1.00
<i>H. Skinneri</i> .....	50c
<i>H. tenara major.</i> Large dark green semi translucent....	35c
<i>H. tessellata.</i> Thick, nicely lined leaves. Beautiful shape, dark and glabrous .....	25c
var. <i>Engleri.</i> The varieties differ very slightly.....	25c
var. <i>parva recurva</i> .....	25c
<i>H. tortuosa.</i> Dark green heavy leaves .....	35c
<i>H. tortuosa pseudo rigida.</i> Warty, erect, green..	15c to 50c

*Haworthia tessellata**Haworthia cymbiformis*

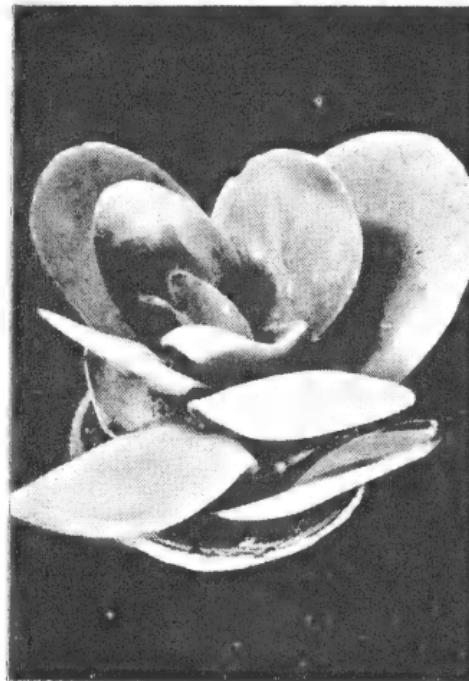
<i>H. translucens.</i> Similar to decipiens, dark green.....	35c
<i>H. truncata.</i> The most unusual of all and rare as the dickens .....	\$1.50
* <i>H. turgida.</i> A very smooth flat rosette window plant..	50c
<i>H. umbraticola.</i> A different window plant, thick round leaves and grows large. W. ....	\$1.00
Allied plant: <i>Aprica pentagona.</i> Smooth, light green, very rigid leaves .....	25c
<i>Jatropha Berlandieri.</i> Texas. Distinctive plant with an above ground tuber; deeply cut leaves and scarlet flowers. Deciduous in winter.....	50c to \$1.00

## KALANCHOE and BRYOPHYLLUM

Only a slight difference between the two in the juxtaposition of the filaments and the corolla tubes.

One of each of any 8 marked with an asterisk (\*) \$1.00 postpaid.

<i>K. aleurodes.</i> Very similar to thrysiflora and like an Echeveria .....	35c
* <i>B. Aliciae.</i> Downy leaves and lovely red blossoms .....	15c to 25c
* <i>K. beharensis.</i> Long erroneously known as <i>Kitchingia mandrakensis.</i> Handsome striking plants covered with bristles.....	15 to 50c
<i>B. daigremontianum.</i> Madagascar. A curious plant with deeply serrated, mottled leaves; flowers interesting .....	15c to 50c

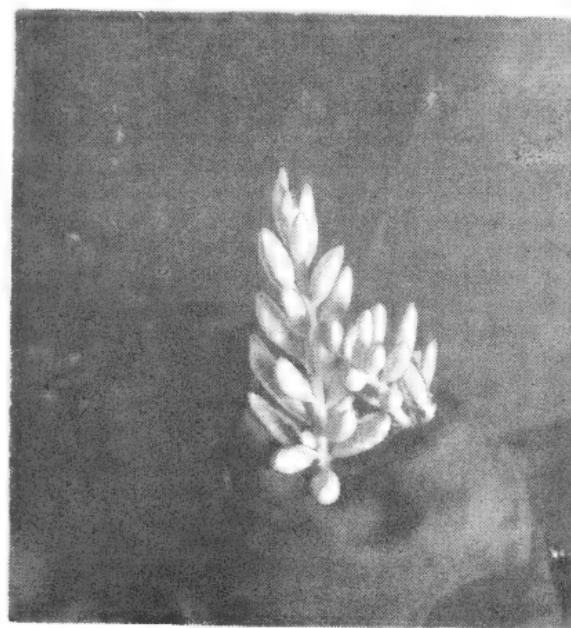
*Kalanchoe thyrsiflora**Kalanchoe marmorata*

* <i>B. tubiflora</i> x <i>daigremontana</i> ...	Dr. Houghton's hybrid, very good	15c to 25c
<i>K. Dyerii</i> .	Beautiful crimson fls.	25c to 35c
* <i>K. foedtshenkoi</i> .	Violet tinted leaves, very charming flowers, delicate salmon. A very lovely thing. Keep in the sun	15c to 25c
<i>K. flammea</i> .	Tropical Afr. Downy green leaves; red fls.	50c
* <i>K. longiflora</i> (formerly wrongly called <i>somaliensis</i> .)	Heavy dentate leaves shaded with rose. A nice plant with pure yellow fls.	15c to 25c
* <i>K. marmorata</i> .	Abyssinia Curious, large with large purple spots in great profusion	15c to 25c
<i>K. orgyalis</i> .	Soft, brown, pubescent leaves; yellow upright fls.	25c to \$1.00
* <i>K. pilosa</i> .	Handsome, downy, gray spotted brown margins	15c to 25c
* <i>B. pinnatum</i> ( <i>calycinum</i> ).	Tropical Afr. The common sprouting leaf. Prolific with long tubular flowers	15c
<i>B. scandens</i> .	Dark purplish-green leaves, climber with maltese colored flowers	25c
<i>K. thyrsiflora</i> .	Looks like an Echeveria. Large gray red tipped leaves covered with powder. Blossoms creamy in large stalk. Handsome	25c to 50c
* <i>B. tubiflora</i> .	Very prolific, hence cheap but very queer with lovely blooms. A bed of them is a fine sight. "Hollywood Palm"	10c to 25c
<i>K. uniflora</i> .	Hanging basket plant. Very unique	35c

## KLEINIA

* <i>K. articulata</i> .	S. Afr. A blue candle plant with pretty leaves sprouting from the top	15c
<i>K. fulgens</i> .	Natal. Bright red fls. on a gray-blue plant	25c to 50c
* <i>K. mandraliscae</i> .	S. Afr. Larger than <i>repens</i> but otherwise similar. Very blue leaves	15c
<i>K. (notonia) pendula</i> .	A closely allied plant with red flowers and thick, dark, green stem striped with purple. The "Inch Worm"	35c
<i>K. Pugniformis</i> .	Thick-blue leaves	35c

* <i>K. radicans</i> . S. Afr. Creeping with thick, short leaves Striped with purple; fragrant flowers; good for hanging baskets .....	15c
* <i>K. repens</i> . S. Afr. The smallest of the blue, tubular leaved <i>Kleinias</i> .....	15c
<i>K. stapeliaformis</i> . S. Afr. One of the best <i>Kleinias</i> . Clear emerald green stems marbled with white. Flower a tuft of bright red on a long stem. Beautiful .....	25c
<i>K. tomentosa</i> . S. Afr. Unusual, pure white.....	25c to 50c



*Kleinia tomentosa*  
The Ghost Plant

### MESEMBRIANTHEMA

The following, unless otherwise marked, are 2 for 25c

*Aptenia cordifolia*. Old fashioned variety. From Africa. Small, thick, green leaves; tiny magenta fls. Used for many years in hanging baskets.

*Carpobrotus edulis*. Yellow flowers. Large, coarse plants for cliffs or ground cover.

*C. aequeilaterale*. Coarse plant with lilac pink flowers.

*Cephalophyllum Alstonii*. Dense tufts of erect, grey, finger-like leaves. Cherry red flowers; one of the most beautiful of Mesem. flowers .....

15c to 35c

*C. anemoniflorum*. Creeping with one of the finest fls. of apricot with white center.

*C. spongiosum*. Four in. rose pink fl. with a 2-in. golden center .....

35c to \$1.00

*Cheirodopsis candidissima*. The victory plant. See back cover .....

25c

*Corpuscularia Lehmanni*. Velvety green plants, beautiful cream colored fls.

*Delosperma echinata*. Warted translucent, crystalline foliage.

*Drosanthemum speciosum*. One of the most beautiful of shrubby types. Burnt orange flower with black center.

*Hymenocallis Herrei*. Fast growing; old gold fls.; heavy bloomer.

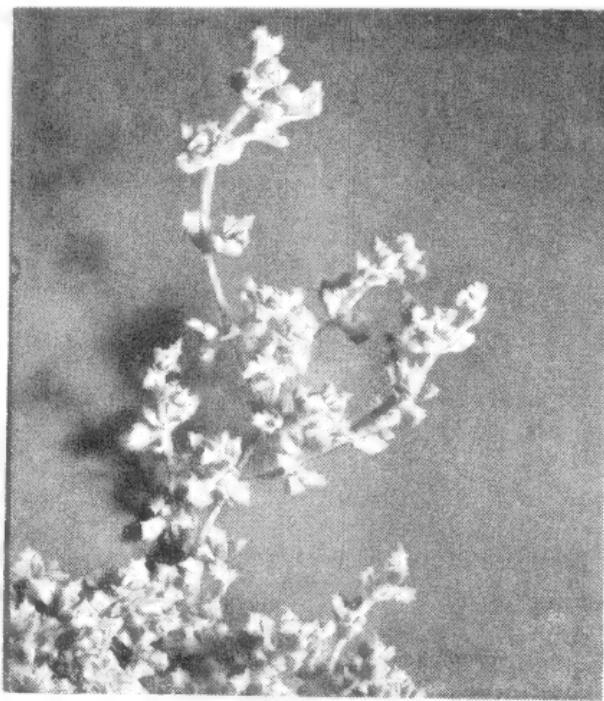
*H. purpureo-croceus*. The most constant bloomer and best for holding soil to hillsides. Burnt orange blossoms; reverse side magenta.

*Mesembrianthemum aureum*. Flowers light orange.

*M. blandum*. Flowers 2 to 3 in. Pure white, later turning to rose.

*M. brownii*. Small leaved, large, spreading. Flowers, size of dime; burnt orange turning to rose.

*M. muricatum (deltoides cristatum)*. Low form, gray green; lavender blossoms. Perfect in rock gardens.



*Mesembrianthemum muricatum*

*M. repens*. White petals, yellow center.

*M. tenuifolium*. Large, winter blooming, free flowering. Deep vivid purple.

*M. uncinatum*. Erect, slender leaves; delicate thin rayed lavender blossoms, size of a dime.

*R. steingroeveri (piscodorum)*. Smells like fish.

## MESEMBRIANTHEMA

Stemless or Non-Shrubby Types

*Bergeranthus respetinus*. Low with green, pointed leaves; yellow flowers, orange reverse ..... 15c



*Aptenia cordifolia*



*Pleiospilos bolusii*

<i>Cheirodopsis candidissima.</i>	Forms a perfect "V" hence the Victory plant .....	35c
<i>Faucarias</i> are queer shaped rosettes. Commonly called "Tiger Jaws."	Charming. Any .....	25c
<i>Faucaria acutifolia.</i>		
<i>F. albida.</i>	Smooth green, white margins.	
<i>F. arribidae.</i>		
<i>F. boscheana.</i>		
<i>F. carinata.</i>		
<i>F. Craddockensis.</i>		
<i>F. felina.</i>	Very green.	
<i>F. longifolia.</i>		
<i>F. lupina.</i>	The wolf. Very long teeth.	
<i>F. pulcrataea.</i>		
<i>F. Rynfeldiae.</i>		
<i>superba.</i>	Greyish with white spots. Beautiful.	
<i>F. tigrina.</i>	Green. Neat rosettes edged with long teeth.	
<i>F. tuberculosa.</i>	Heavily warted. The most beautiful of <i>Faucarias</i> .	
<i>F. vanadensis.</i>		
<i>Fenestraria rhopalophylla.</i> "Babytoes." One of the most interesting of window plants. White blooms with Yellow centers .....	50c	
<i>Glottiphyllum depressum.</i> <i>Glottiphyllums</i> are large leaved, thick and juicy with large, yellow flowers....	15c	
<i>G. linguiforme.</i> Curved, flat leaves very dark green....	15c	
<i>Herranthus berrei.</i> Peculiar gray green sculptured fine flowers .....	50c	
<i>Hereroa dolabriformis.</i> Peculiarly shaped, unusually interesting .....	25c	
<i>H. odorata.</i> Small plants suitable for bowls because of queer shape. Night blooming, sweet scented.		
	15c and 25c	
<i>H. Stanleyi.</i> Low green plants with scimitar-shaped leaves; yellow flowers .....	15c	
<i>Lithops</i> are the peculiarly formed and beautifullyy marked little stone faces. Look like anything but a plant.		
<i>Lithops Framesii.</i>		
<i>L. fulviceps.</i>		
<i>L. Karasmontana.</i>		
<i>L. Lericheana.</i>		
<i>L. Marthae.</i>		
<i>L. opalina.</i>		
<i>L. Peersii.</i>		
<i>L. summitatum.</i>		
<i>L. turbiniformis.</i>		
<i>L. umdauscensis.</i>		
Above <i>Lithops</i> are 25c each until Aug. 1, 1944, when price will be 35c.		
<i>Pleispilos</i> are queer stone faced plants with thick angu- lar leaves.		
<i>P. Bolusi.</i> One of the best of stone faces.....	15c to 50c	
<i>P. magnipunctata.</i> Strange plant; yellow blossoms tipped with orange .....	25c	
<i>P. Neli.</i> Tricolor flower shading from white, through yellow to copper apricot .....	15c to 50c	
<i>P. simulans.</i> Flat surfaced, grotesque, bizarre...15c to 50c		
<i>Rhomboideum rhombophyllum.</i> Dark green truncated leaves; very flat yellow flowers .....	15c	
<i>Stomatium Fulleri.</i> Charming plant, toothed leaves. Fringy yellow blossoms .....	15c	

## OTHER SUCCULENTS

<i>Othonna crassifolia.</i>	Creeping, interesting plant with fat, short leaves like elongated beads. Yellow flowers small daisy .....	15c
<i>O. carnifolia.</i>	Similar to above with more ordinary leaves .....	15c

<i>Pachyphytum brevifolium.</i>	Pink hues. Exquisite....	25c to 50c
<i>P. compactum.</i>	Mexico. Small futuristic rosettes with blue and grey markings. An interesting plant	15c to 25c
<i>P. Hookeri.</i>	Many pink flowers	25c
<i>P. oviferum.</i>	Beautiful bluish pearl. Thick leaves	35c to 50c
<i>P. Clevelandi (Echeveria nobilis).</i>	Full sun to bring out its lovely, purplish colors. Medium size and very prolific	15c to 35c
<i>P. Schiedeckeri.</i>	Very blue.....	15c to 25c
<i>P. virens.</i>	Thick green fingers, unusual flower..	25c and 50c
<i>Pedilanthus bracteatus.</i>	Lost to civilization for 130 years, tall growing cylindrical	25c to 50c
<i>P. macrocarpus.</i>	Grey green. Lower Calif. Conspicuous red fruits	25c
<i>P. tithymaloides.</i>	Thin green stems, red flowers.....	25c
<i>P. grandiflorus variegata.</i>	Handsome house plant....	25c
<i>Portulacaria afra.</i>	Food for elephants in Africa. A beautiful shrub with thick, small, shining leaves on a dark red stem	15c up
<i>P. afra variegata.</i>	Beautiful pink and yellow varie-gations	25c

### SANSEVERIA

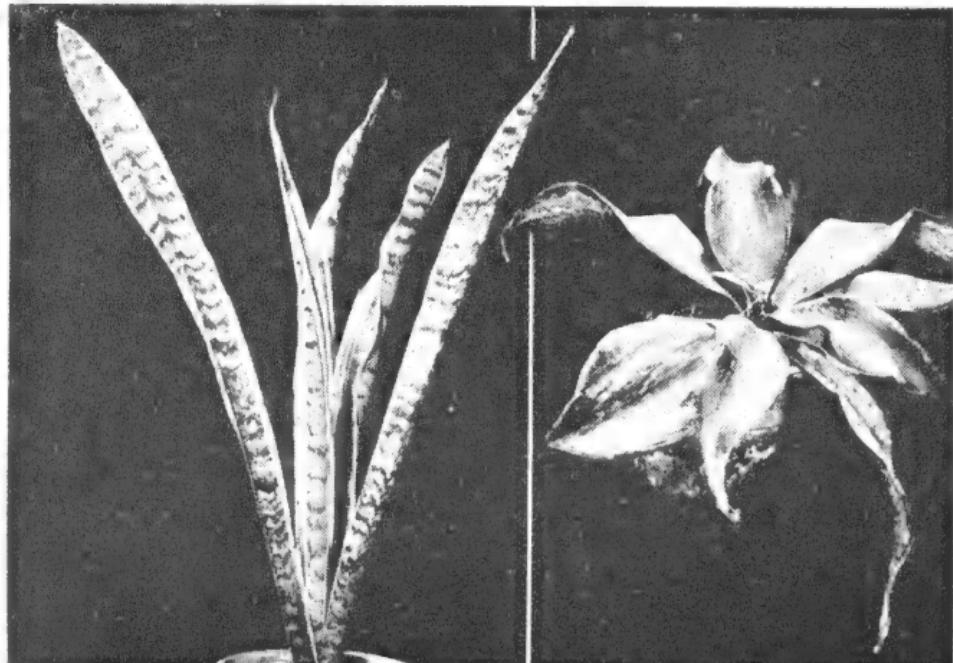
<i>S. aethiopica.</i>	Wide green leaves with red edges. Very beautiful	50c to \$1.00
<i>S. cylindrica.</i>	An unusual plant with mottled, tubular pointed, stiff leaves in two ranks up to 2 ft. in length. Small plants	35c
<i>S. guineensis.</i>	Striped leaves	25c
<i>S. Laurenti.</i>	A yellow margined variety of <i>trifasciata</i>	25c to 50c
<i>S. para</i>		25c
<i>S. Schmidtii.</i>	Very pale delicate form, difficult to grow	\$1.00
<i>S. spicata.</i>	Rosette form	25c
<i>S. trifasciata (zeylanica).</i>	The Leopard Plant. Suitable for pots. Long, thick, mottled leaves	15c up

### SEDM

The price of these plants is 10c unless otherwise stated. Ten for \$1.00 postpaid.

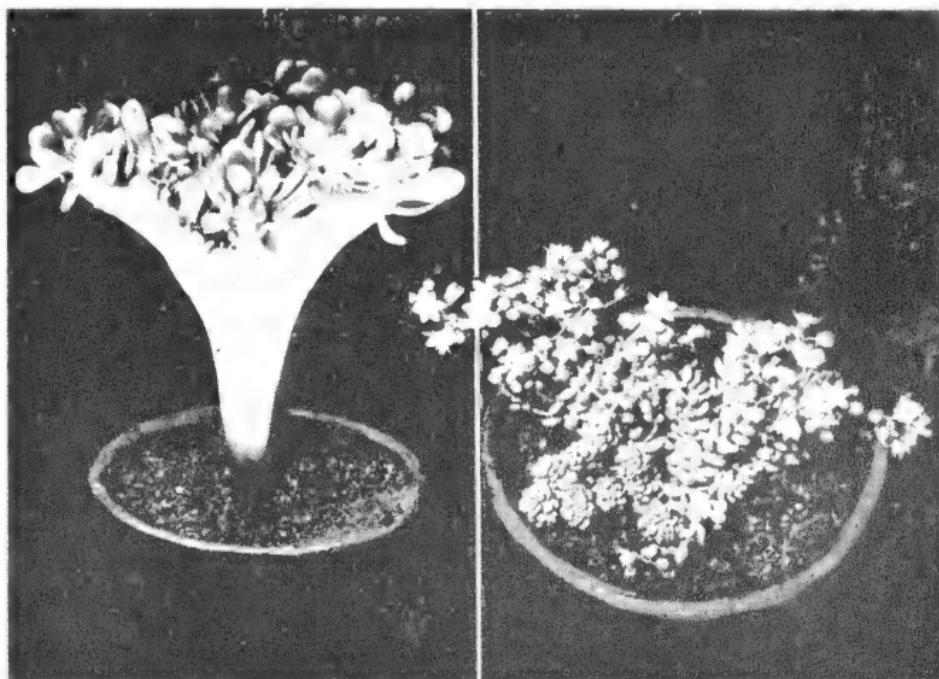
"H" means hardy for frost.

*S. Adolphi.* Golden yellow, conspicuous.

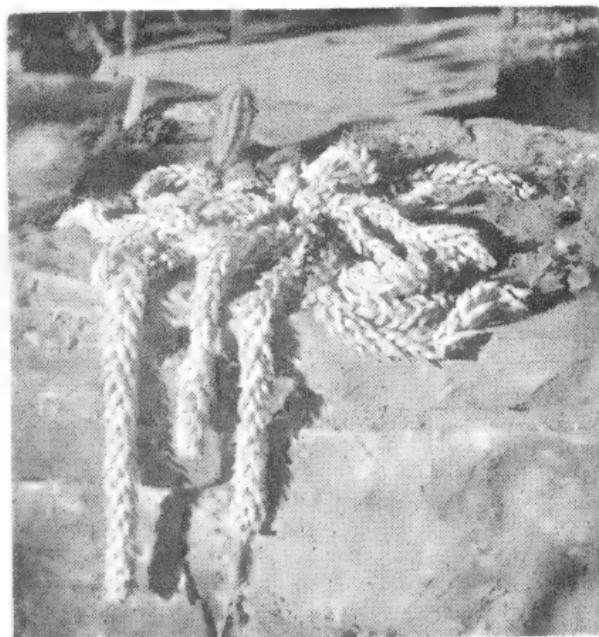


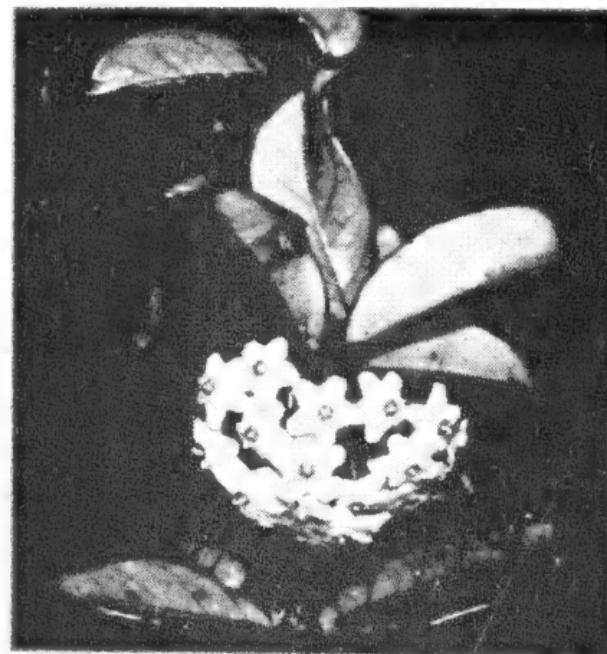
Sansevieria laurentii

Sansevieria aethiopica

*Sedum pectinatum  
cristatum**Sedum pachyphyllum*

<i>S. album.</i> Green, creeping. H.	
<i>S. allantoides.</i> Pale blue, round leaves .....	15c
<i>S. altissimum.</i> Blue, 8-in.	
<i>S. compressum</i> ( <i>Palmeri</i> ). Tall... Echeveria-like rosette.	
<i>S. confusum.</i> Green rosettes, yellow flowers.	
<i>S. dasypphyllum.</i> Blue green clumps, tiny leaves.	
<i>S. divergens.</i> Rocky Mountain <i>sedum</i> . H.	
<i>S. Greggii.</i> Tiny leaves, green, creeping.	
<i>S. griseum.</i> Grey, green fine leaves from Oaxaca, Mexico .....	15c
<i>S. guatamalense.</i> Green turning to red in sun. Very attractive.	
<i>S. lineare variegatum.</i> H.	
<i>S. lydium.</i> Small vivid green. H.	
<i>S. mexicanum.</i> Yellow green.	
<i>S. moranense.</i> Tiny, thick, reddish leaves.	
<i>S. morganianum.</i> The donkey tail <i>sedum</i> , blue, grows very long. Mex. ....	25c, 50c and \$1.00
<i>S. multiceps.</i> Like a little pine tree. Perfect in bowls .....	15c to 25c

*Sedum morganianum*  
The Burros tail

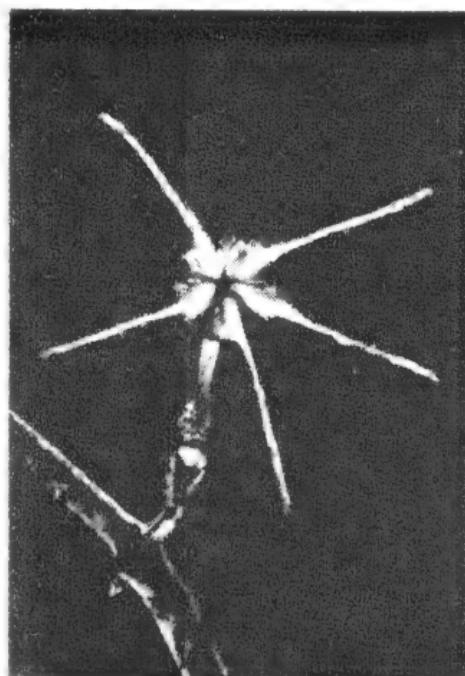


*Hoya carnosa*

- S. Nussbaumerii.* This has always wrongly been known as *Adolphii*. Golden yellow, conspicuous.
- S. oaxacanum.* Dainty little grey-green rosettes.
- S. oxypetalum.* A green shrub.
- S. pachyphyllum.* Pale hands, pink tipped.
- S. potosinii (anglicum).* Mexico.
- S. prealtum,*
- S. prealtum cristatum.*
- S. re:sum.* Charming fringed rosettes.
- S. Sieboldii.* Sub-shrubby purplish erect. Flowers pink. H.
- S. spurium.* Dainty green creeping rosettes.
- S. Stahli.* Called baked beans from the resemblance of the leaves.
- S. Treleasii.* Beautiful blue.
- S. Winklerii.* From Spain. Perfect rosettes in clusters.

### STAPELIAE and ALLIED AESCLEPIADS CEROPEGIA

- |  |                 |
|--|-----------------|
| <i>C. Barkleyii.</i> A lovely little vine with pointed, mottled leaves | .....15c to 25c |
|--|-----------------|



*Ceropagia stapeliaformis*



*Stapelia lunata*

<i>C. coffrorum.</i> Larger than <i>C. Woodii</i> . Much less common .....	25c
<i>C. debilis.</i> A weak, trailing affair getting everywhere and going nowhere .....	25c
<i>C. stapeliaformis.</i> S. Afr. Unique fls. ....	25c to 50c
<i>C. Woodii.</i> The Rosary Vine. Natal.....	15c to 25c

## HOYA

<i>H. carnosa.</i> S. China to Australia. "The Wax Plant." Beautiful pink clusters of blossoms of the texture of plush, like Edelweiss, on a dark green, thick leaved vine. Very good house plant .....	50c to \$2.00
<i>H. carnosa variegata.</i> Variegated pink and yellow....	\$1.00

## HUERNIA

*Huernias* are little brothers of the *Stapelias* and very interesting.

<i>H. barbata.</i> The bearded <i>Huernia</i> , fls. yellow, spotted purple beard .....	25c
<i>H. hystrix.</i> The porcupine. Yellow bloom with red spots; spinelike, red tipped papillae .....	25c
<i>H. macrocarpa</i> , var. <i>penzigii</i> . Bloom outside white and red inside .....	25c
<i>H. Pillansi.</i> "The Cockle Burr" .....	35c
<i>H. Schneideriana.</i> Deep purple cup.....	25c
<i>Piaranthus foetidus.</i> Flowers dull yellow with red markings. Smell to Heaven .....	15c

## STAPELIA

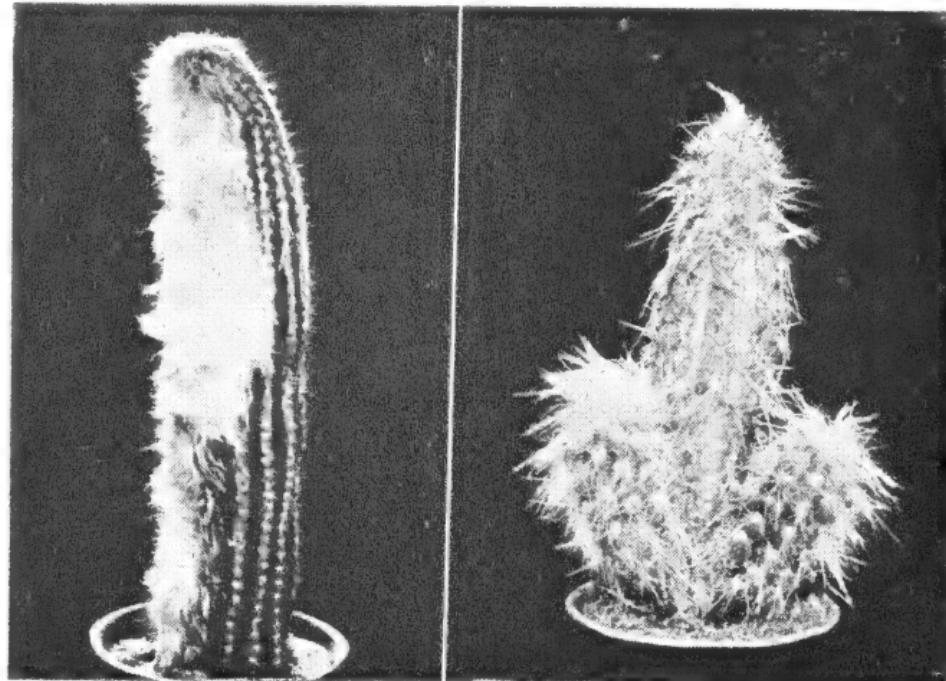
Eight varieties, my choice, postpaid, \$1.00.

<i>S. angulata.</i> An attractive Orbea hybrid with red, variegated petals and yellow, variegated center....	10c
<i>S. A notti.</i> Clear red, wine tips, blackish long hairs .....	25c to 50c
<i>S. bicolor.</i> Dark brown with few bright yellow spots. Stems two colored .....	10c
<i>S. Carolli-Schmidtii.</i> Variegata variety .....	10c
<i>S. Deflexa.</i> Dark red with center corona, self colored hairs .....	25c
<i>S. gigantea.</i> Dull green, pale purple, hairy, marked with transverse crimson lines. Blossoms 14 in. across .....	25c to 50c
<i>S. grandiflora</i> .....	50c
<i>S. hirsuta.</i> Ground red, margin white, petals hairy white .....	10c to 35c
<i>S. lanata (nigricans)</i> .....	15c
<i>S. Leondertzi</i> .....	50c
<i>S. maculosoides (mermelis).</i> Has a very pronounced pattern .....	10c
<i>S. multiflora</i> .....	25c
<i>S. nobilis.</i> Large dark red .....	35c
<i>S. peglerae.</i> Conspicuous for glabrous 4 to 5 in. stems and shiny inner corolla surface of its flowers.....	25c
<i>S. variegata.</i> Commonest of all; yellow with small spots .....	10c
<i>S. verrucosa.</i> Very small yellow blooms with tiny brown dots. Very different from the above..	10c to 25c
<i>Urbinia agavoidea.</i> Hard glassy leaves with sharp brown points. Fls. bright orange tipped with yellow..	35c to 50c
<i>U. purpusii.</i> Small rosette of dark green leaves marked wtih small brown spots and brown line down center. Very attractive .....	35c to 50c

# CACTI

Please make checks and money orders payable to:  
Neff K. Bakkers.

Seedlings of rare foreign cacti, one inch up, 8 for \$1.00;  
15 for \$1.50; or 32 for \$3.00.



*Cephalocereus alensis*  
(*leucocephalus*)

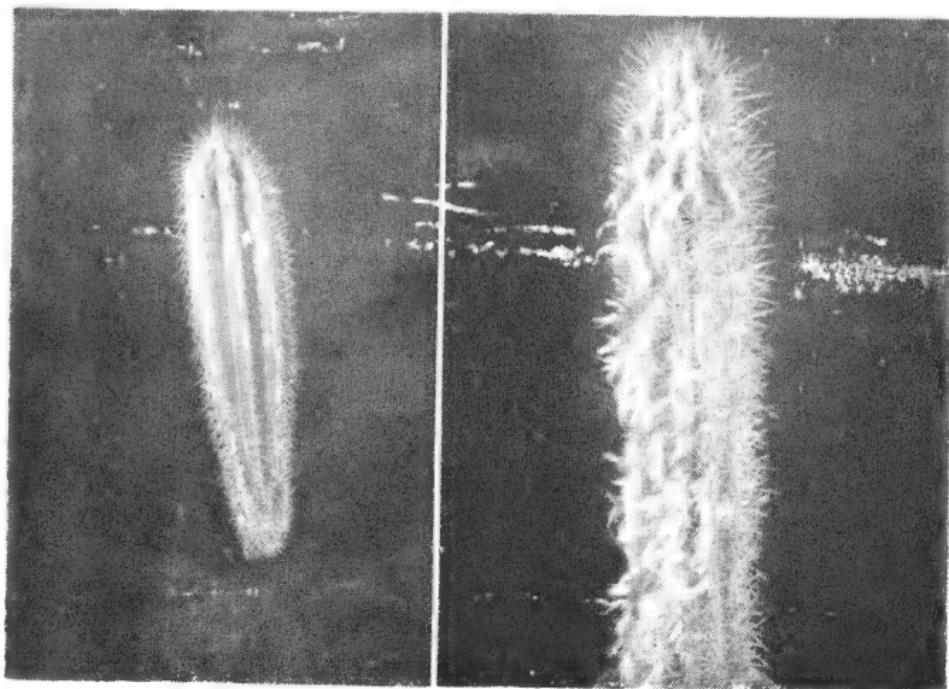
*Oreocereus fossulatus*

<i>Acanthocereus pentagonus</i> . Fla., Tex., Mex., Venezuela. Triangular, procumbent; night bloomer.....	25c to \$1.00
<i>A. subinermis</i> . 7 inch. Oaxaca, Mexico. Flower 8 in. Outer petals reddish, inner white.....	\$1.00
<i>Aporocactus Conzatti</i> . Oaxaca, Mexico. Creeping tails covered with brown bristles. Flower brick red. Grafted plants .....	50c to \$1.00
<i>A. flagelliformis</i> . Rat Tail. Long slender, pendant stem covered with short spines and magenta flow- ers. A good house plant. Grafted.....	\$1.00
<i>A. flagriformis</i> . Oaxaca, Mexico. Erect at first, then creeping, much branched. Flowers dark crimson. Grafted plants .....	50c to \$1.00
<i>A. leptophis</i> . Mexico. Strongly ribbed slender tails with bristly spines. Graftcd .....	\$1.00
<i>A. martianus</i> hybrid of <i>Helio</i> , <i>speciosum</i> , rooted cut....	50c
<i>Ariocarpus fissuratus</i> . Texas. The Living Rock. Looks more like an amphibian than a plant.....	25c to 35c
<i>Astrophytum asterias</i> . Texas, Mexico. "The Sea Urchin." Small, flat, distinctive. Requires strictly limy soil .....	35c to \$1.00
<i>A. capricorne</i> . Long, curling spines. Mexico. 4 year seedlings .....	75c
<i>A. capricorne</i> var. <i>aureum</i> ... Center of straw colored spines. 4 year seedlings .....	75c
<i>A. myriostigma</i> . Mexico. The celebrated "Bishop's Cap." Covered with myriads of small tufts of white wool .....	25c, 50c, \$1.00 and \$2.00
<i>A. ornatum</i> . Mexico. Ornate yellow spines; many tufts of wool. Seedlings 35c to 50c. Good sized plants .....	\$1.00 to \$2.00

<i>Brittonia Davisii.</i> Tuberclered ribbed barrel from Texas with slender, long, yellow, hooked spines.....	50c up
<i>Carnegia gigantea.</i> The Arizona giant.....	\$2.00 up

## CEPHALOCEREUS

The *Cephalocerei* are usually tall plants with long hairs or wool on them.



Seedling of  
*Cephalocereus palmeri*

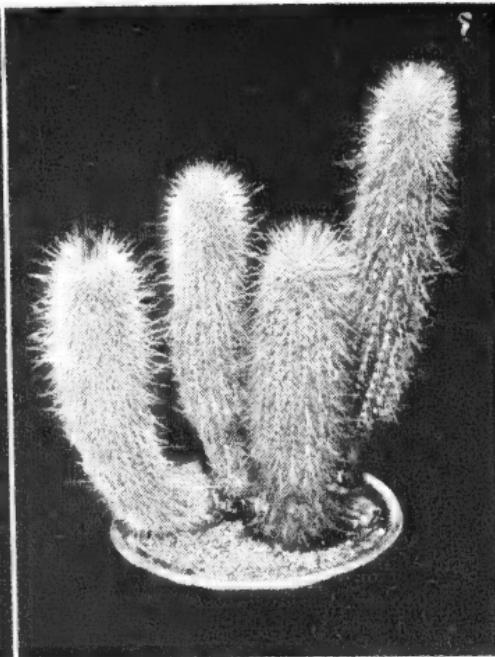
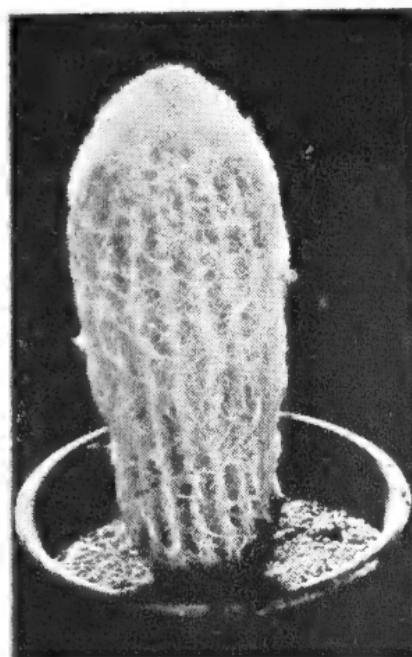
*Cephalocereus purpusii*

<i>C. leucocephalus (alensis).</i> The queerest of the queers. Heavy white beard on one side only. The old goat. Comes from Alamos, Mexico.	
18 in. rooted cuts .....	\$5.00
<i>C. chrysacanthus.</i> Mexico, Golden yellow spines, dense masses of white hair. 8 to 10 in. imported plants .....	\$2.00
Seedlings .....	25c
<i>C. dybowskii.</i> Similar to <i>Epostoa lanata</i> with protruding fine yellow spines. Limited .....	\$5.00
<i>C. nobilis.</i> West Indies. Rooted cuts .....	50c
<i>C. Palmeri.</i> Mexico. One of the very good ones. Seedlings; 8 to 10 in., 50c; imported plant .....	\$2.00 to \$10.00
<i>C. polylophus.</i> Mexico. 15 to 18 ribs. Bearing white felt but no wool. Yellow spines, good .....	\$3.00 and \$5.00
<i>C. Purpusi.</i> Seldom offered for sale. Collected at Mazatlan. Patches of white wool in dense old gold spines. 16 to 18 in. ....	\$5.00
<i>C. senilis.</i> Mexico. "The Old Man." Beautiful, long hair. 2 in., 25c; 5 in., 75c; 7 in., \$1.50; 9 in., \$2.00; 11 in., \$3.00; 16 in., \$5.00; 20 in., \$7.50.	

## CEREUS

The *Cerei* in general are tall columnar plants having large, white, nocturnal flowers.

<i>C. coeruleascens (aethiops).</i> Argentina and Brazil. Of an unusual purple shade with black spines; slow grower .....	\$1.00 to \$2.00
<i>C. formosus</i> var. <i>monstrosus</i> . A curious plant covered with knobs rather than ribs.....	25c to \$2.00
<i>C. peruvianus</i> hybrids and what have you. The usual conglomeration. Per foot up to 4 ft.....	50c

*Espostoa lanata**Cleistocactus Strausii*

Plants over 4 ft. per foot..... 75c

S. ..... 15c

*Cereus peruvianus monstrosus.* Another knobby plant.

..... 25c, 50c, \$1.00 up

*Chamaecereus Sylvestri.* "Peanut Cactus." Always remains small, hence very suitable for bowls. Free bloomer, orange red. Likes a little shade. Argentina .....

15c to 25c

*Cleistocactus Baumannii.* Argentina. Curious and interesting with green-tipped red fls. that looks like little candles .....

15c to 75c

*C. buchtieni.* Slender *Cereus* from Bolivia. Good sized branching plants .....

\$1.00 up

*C. smaragdiflorus.* Slender stems with green tipped red flowers .....

grafted \$1.00

*C. Straussii.* Peru. Slender *Cereus* covered with white wool-like spines. Fls. tubular, red. Hardy..15c to \$2.50*Cochemieas* are Lower California plants with elongated heads and brilliant, red, tubular fls.*C. maritima.* Lower Calif. Brown hooked spines; dark .....

\$1.00

*C. Poselgeri.* S. Lower Calif.; straw colored spines; scarlet fls. .....

\$1.00

*C. setispina.* White hooked spines. One of the rarest of plants and splendid .....

\$1.00 to \$3.00

*Corryocactus melanotrichus.* Bolivia. Slender, columnar, branching. Red fls. .....

\$1.00 up

*Coryphantha aggregata* .....

50c

*C. clava.* Mexico. Brown-gray, appressed spines .....

25c and \$1.00

*C. erecta.* Mexico. Clusters; free flowering; yellow fls. .....

\$1.00

*C. radians* .....

50c

*C. recurvata,* 50c; clumps to \$2.50.*Dolichothele longimamma.* Mexico. Seedlings 25c; imported plants .....

\$1.00

*D. sphaerica.* Texas. "The Nipple Cactus." Large, lemon-colored fls. .....

50c

*D. uberiformis.* Mexico .....

\$1.00

*Echinocactus electracanthus* .....

\$1.00

*E. Grusoni.* Mexico. The beautiful "Golden Ball" which will grow larger than a bushel basket .....

15c to \$10.00

*E. ingens.* Mexico. Yellow fls..... 35c to \$1.00

## ECHINOCEREUS

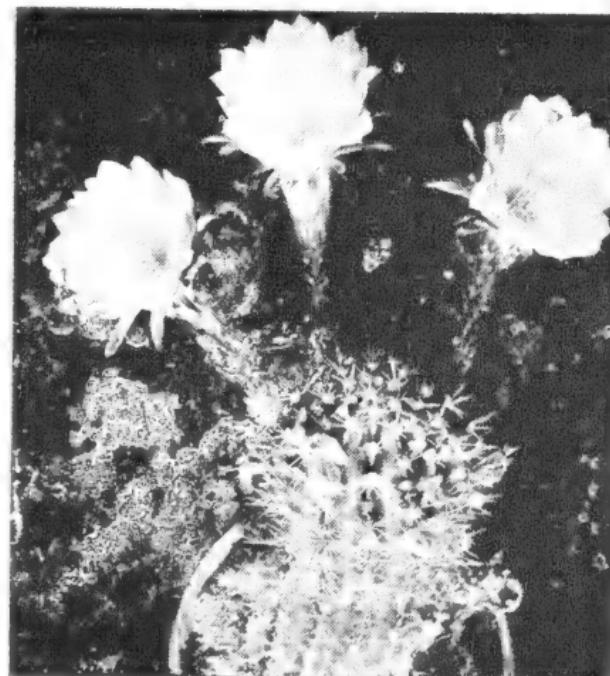
The *Echinocerei* are small plants that usually form clusters and have very beautiful blooms.

<i>E. albispina</i> . Recently discovered variety from Oklahoma with short white spines and frilly rose blossoms .....	25c to 50c
<i>E. Berlandieri</i> . Texas. Similar to <i>E. blancki</i> with slender stems. Very free bloomer .....	25c or \$1.00
<i>E. dasycanthus</i> . Texas Rainbow. Large yellow flowers .....	15c to 50c
<i>E. enneacanthus</i> . Texas. Loosely clustered; reddish purple 2 in. fls. Good clusters .....	50c
<i>E. Erbenbergi</i> . Mexico. Fine purplish blooms. Setaceous spines .....	25c to 50c
<i>E. ferrerae</i> . Lower Calif. Beautiful, large, pink, flowers .....	50c
<i>E. knippelianus</i> . Mexico. "Elephant's Skin." 5 to 7 ribs; dark green, wrinkled. Unusual pink fls. Grafted. Good size .....	50c to \$1.00
<i>E. rigidissimus</i> . Beautiful Arizona Rainbow....	50c to \$1.00
<i>E. salm-dyckianus</i> . Mexico .....	\$1.00
<i>E. sarissiphorus</i> . N. E. Mexico. Very fine; purplish fls. ....	35c to 50c
<i>E. stoloniferus</i> . Comparatively new species described in our Vol. 9, No. 10, Cactus and Succulent Journal. Alamos, Sonora, Mexico.....	75c to \$1.00

## ECHINOPSIS

Plants characterized by prominent ribs and very large long-necked fls. of singular beauty.

<i>E. aciculiflora</i> .....	50c
<i>E. Bridgesii</i> . Caespitose, spiny. Bolivia.....	25c
<i>E. Eylesii</i> . Brazil. Fls. white; spines unusually short; free bloomer .....	15c to \$1.00
<i>E. Buottii</i> . Slender dull green, large white flowers. (S. Am.) .....	35c to 50c
<i>E. mammilosa</i> . Bolivia. Fls. white .....	25c to 50c
<i>E. multiplex</i> . Brazil. Beautiful pink fls. on green globes with long, yellow spines .....	15c to \$1.00
<i>E. hybrid</i> . Fine plants, 5 in. ....	35c



*Echinopsis species*

## EPIPHYLLUM (Phyllocactus) (Orchid Cacti)

The *Epiphylla* well deserve the name of "Flowering Cacti." They have some of the most beautiful flowers in the Cactus family and they are admirable house plants.

*Epiphylla* are 35c for rooted cuts and \$1.50 for good-sized plants, unless otherwise priced.

*Epiphyllum Ackermanii*. Early, free flowering, bright red. Plant.

- E. *Adonis*. Delicate rose.....Rooted Cut 50; Plant \$2.00
- E. *Agathe*. Strong pink, crimson center. Reliable bloomer.
- E. *Amber Queen*. Large copper.
- E. *Antwerpia*. Large salmon pink. Petals ruffled. .....Rooted Cut 50c; Plant \$2.00
- E. *Argus*. Salmon pink with scarlet center. Vigorous.
- E. *Bohemienne*. Three toned salmon, lighter center. Wavy petals.
- E. *Camillo Schneider*. Burnt orange copper with large magenta center, green eye.
- E. *Conway's Giant*. Beautiful large red flower with purple throat.
- E. *crenatum*. Large fragrant, long lasting fls. Vigorous.
- E. *Dante*. Bronze bud opening red with cerise center center. Vigorous.
- E. *Deutsche Kaiserin*. Small flowered, very free blooming, beautiful two-toned pink. Hanging basket type.
- E. *Eden*. Large flowers, outer petals bronze, next yellow, inner petals white.
- E. *Fiesta*. Opening wide, orange petals bordered with purple.
- E. *flamingo*. Burnt orange, shaded with magenta.
- E. *Garnet*. Lasting deep red. Compact plant.
- E. *gloria*. Copper. One of the largest and best. .....Cut 35c....Plant \$2.00
- E. *hermosissimus*. Brilliant red with violet borders. Popular, large, showy.
- E. *Joseph de Laet*. Tri-toned orchid, medium sized, frilled. Striking shape and color.
- E. *Lady Irene*. Delicate flesh pink, scented. Unusual.
- E. *latona*. Rose red, glowing, large. Should be in every collection.
- E. *Madame Sallier*. Light flesh pink, central darker stripe.
- E. *Manfred von Richthofen*. Orchid pink, frilled. Recent importation.
- E. *Marsellaise*. Red violet center, back petals red, stamens white.
- E. *mauvette*. Near lavender, crepy texture.
- E. *mon cherie*. Spectacular buff-orange beautifully penciled with red.
- E. *Montezuma*. Cup and saucer. Tannish copper, violet shading.
- E. *moonrise*. Outer petals amber, main petals white yellow tipped. Free flowering over a long period.
- E. *M. Reviere*. Flashily red and orange with a violet carmine border—and orange central stripe.
- E. *Oberst P. Man Kurich*. Unusually narrow petals giving a spidery or star-like appearance. Outer petals maroon, next bronzy salmon, innermost solid violet.
- E. *Oriole*. Extreme sized yellow cup. Yellow brown tinged shading through cream to white.
- E. *Orion*. Beautiful tannish to cherry red. Wide open.

<i>E. oxypetalum.</i> Night bloomer, white, tall growing. Dutchmans pipe. Erroneously called "Night blooming cereus."	
<i>E. Padre.</i> One of the best and most popular pinks.	
<i>E. Paul de Longpre.</i> 9 inch nearest to yellow. Excellent shape.	
<i>E. Peacockii.</i> Full petaled scarlet shading to red violet. Brilliantly luminous and iridescent.	
<i>E. Pfau.</i> Outer petals chamois, inner pinkish magenta. Large and fine.	
<i>E. pink pearl.</i> Small flower, rose to light pink with violet shading. Exquisite.	
<i>E. phyllanthoides grandiflorus.</i> Large, showy, brilliant. Nearest to violet of any. R.C., 50c; Plant \$2.00	
<i>E. pink charm.</i> Soft pink, darker edges, white center stripe.	
<i>E. Prof. Ebert.</i> Recent origination. Violet carmine flower. Very clear.	
<i>E. rosetta.</i> Deep rose shaped like a rose bud. Compact basket type.	
<i>E. rotkappchen.</i> Red Riding Hood. Dark red, crimson throat.	
<i>E. scarlet giant.</i> Orange scarlet shading to carmine in center. Vigorous free bloomer. Desirable.	
<i>E. Scheherazade.</i> Reliable clear pink. Long lasting, deepening in color.	
<i>E. sunburst.</i> Terra cotta red, vivid violet eye. Showy.	
<i>E. sun goddess.</i> Molten gold with violet and vermillion throat. Extremely large flower. Plant....\$2.00	
<i>E. tulip.</i> Exceptionally broad, brilliant satiny petals.	
<i>E. viviana.</i> Long lasting, bright red deepening to crimson. Plant .....	\$1.00
<i>E. William de Laet.</i> Intensely dark shining red, deep violet purple trumpet center. Unusual. R.C. 50c; plant .....	\$2.00
<i>Epithelanthus micromeris.</i> Texas. "The Button Cactus." Charming, pure white, little buttons with pink fls. followed by red fruit. One of the smallest .....	25c
<i>Espostoa lanata.</i> Ecuador. The most beautiful of hairy cereus. Completely covered with white wool with a few stiff, yellow spines. Comes from the high Andes .....	50c to \$2.00
<i>E. sericata.</i> Similar to lanata. Probably a form of it grafted. Stem over 10 in.....	\$3.00

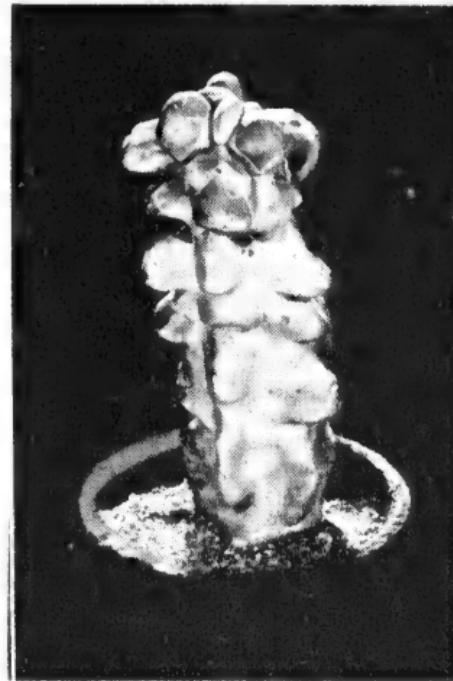
## FEROCACTUS

<i>F. acanthodes.</i> "The California Fire Ball"....25c to \$1.00	
<i>F. alamosanus.</i> Sonora. Very rare .....	\$3.00
<i>F. coloratus.</i> Lower Calif. Most beautiful of all the Ferocacti. Dark red, broad spines.....\$1.00 and \$2.00	
<i>F. echidne</i> .....	\$1.00
<i>F. Fordi.</i> Lower Calif. Fls. handsome purple or rose purple. A fine plant .....	50c to \$1.00
<i>F. gracilis.</i> Lower Calif. Red spines with a few of the radials white. Fl. petals red with yellow margins. Very fine .....	50c to \$1.00
<i>F. latispinus.</i> ( <i>E. corniger</i> ). A very symmetrical plant. Spines red, short and flattened. Flowers pink or white to purple .....	50c to \$1.00
<i>F. nobilis.</i> Mexico. Brownish recurved spines.....\$1.00	
<i>F. Pfeifferi.</i> Nice plants .....	\$1.00 to \$2.00
<i>F. robustus.</i> A clumping Ferocactus from southern Mexico .....	35c to \$1.00
<i>F. Wislizeni.</i> Ariz. .....	50c to \$1.00

## GYMNOCALYCIUM

Globular plants from South America, flower when very small, and large in proportion to plant.

<i>G. Andreae.</i>	
<i>G. Bodenbenderianum.</i>	
<i>G. Fleischerianum.</i>	
<i>G. Mihanovichii.</i>	
<i>G. multiflorum.</i>	
<i>G. quehlianum.</i>	
<i>G. saglione</i> .....	50c
<i>G. Schickendantzii</i> .....	
<i>G. urselianum</i> .....	
<i>G. venturianum</i> .....	
Above <i>Gymnos.</i> Priced.....	35c and 50c
<i>Hamatocactus setispinus.</i> The Texas Twisted-Rib. A most exclusive child with no near relations. One of the most persistent bloomers. Flowers lemon yellow with red clusters.....	15c to 50c
<i>Heliocereus speciosus.</i> Mexico. Beautiful <i>Epiphyllum</i> -like fls. with purple throat .....	35c to \$1.00
<i>Hylocereus ocamponis.</i> Glaucous, 3 angled stem with a gold stripe on the ribs. Large, white, nocturnal flowers .....	50c
<i>H. undatus.</i> Night bloomers with many golden stamens. 14 in. flowers. The famous night blooming <i>cereus</i> of Honolulu .....	25c to \$1.00
<i>Lamairocereus Beneckii.</i> Mexico. "The Silver Tip." Beautiful gray-blue. New growth covered with white pulverulence with contrasting white spines, \$1.00; flowering size .....	\$2.00
<i>L. chende.</i> Tehuacan, Mexico. Low, much branched. ....	\$1.00 and \$2.00
<i>L. chichipe.</i> Mexico. Tree-like. 9 to 12 ribs. Grayish spines. Small yellowish green flowers.....	\$2.00
<i>L. Dumortieri.</i> Mexico. Very striking columnar plant. Yellow spines .....	\$2.00 and \$5.00
<i>L. pruinosis.</i> New growth blue. Fine.....	35c and \$2.00
<i>L. queretaroensis.</i> Mexico. Ribs 6 to 8, stout, light green covered with a grayish bloom. Large wooly areoles. Spines at first red, gray in age.....	\$2.00 and \$5.00
<i>L. stellatus.</i> Mexico. Blue-green; branching from base; flowers red, near top of plant; fruit red .....	\$2.00 and \$5.00
<i>L. Thurberi.</i> Ariz. and Mexico. Scarce. Has deciduous fruit. Green; many ribs; brown to black spines; white to light purple fls. about 2 in. across, Plants .....	\$2.00 and \$5.00
<i>Leuchtenbergia principis.</i> 3 year seedlings.....	50c
<i>Lophocereus Schotti.</i> Mature spined rooted cuts .....	\$5.00 and \$10.00
<i>Lophocereus schottii.</i> var. <i>monstrosus</i> . Peculiar knobby, smooth textured. Very unique. 3 in. to 8 in. ....	50c to \$2.00
<i>Lophophora Williamsi.</i> Texas and Mexico. The famous Peyote or Mescal Button. More has been written about this plant than any other in the Cactus world. Interesting and easy of culture.....	15c and 25c
<i>Machaerocereus eruca.</i> Lower Calif. "Creeping Devil." Looks like large, prickly caterpillar.....	\$2.00 and \$2.50
<i>Malacocarpus erinaceus.</i> A South American species. Blooming size.....	\$1.00
<i>M. Voorwerkianus</i> .....	\$1.00

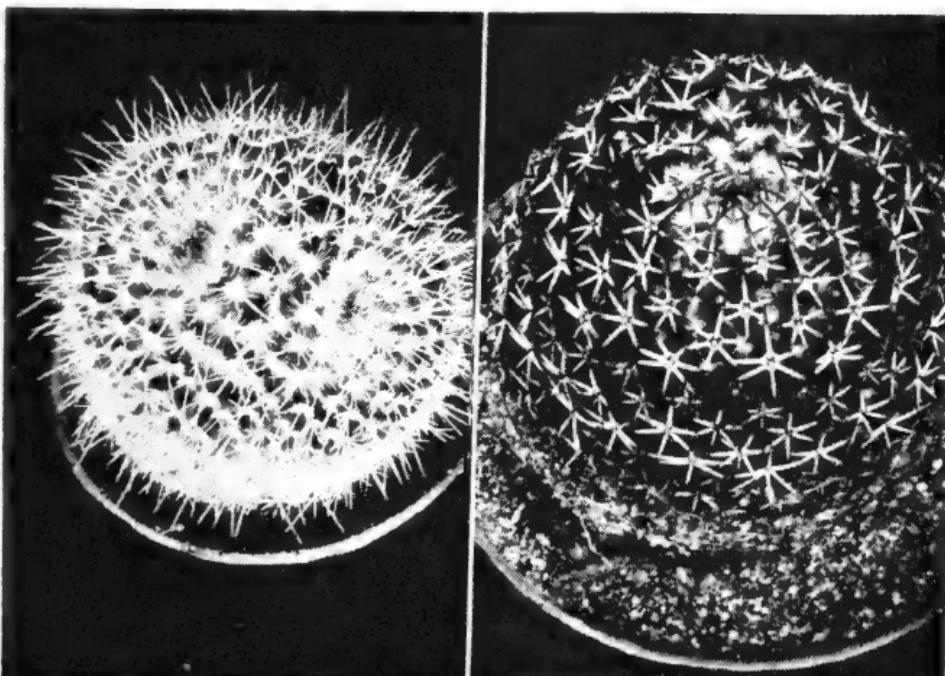


*Lophocereus schottii*  
*monstrosa*

### MAMMILLARIA

Some of the most interesting and varied plants are to be found among the *Mammillarias*. They have spines of many colors and textures and wreaths of charming fls.

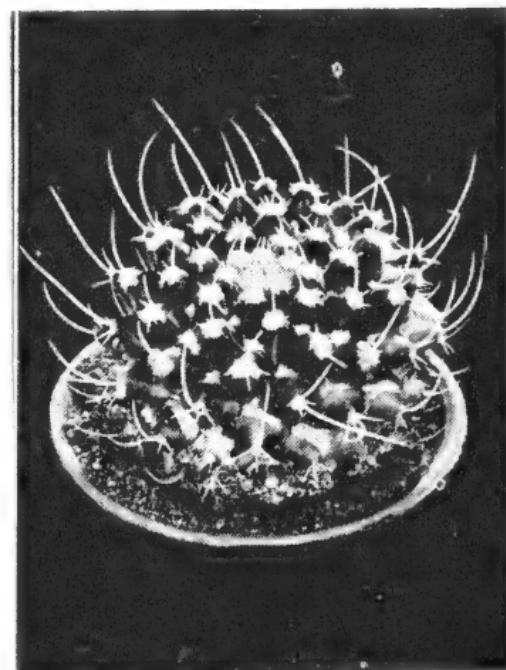
<i>M. Baxteriana</i> . Lower Calif. Milky globular. White spines; yellow fls.	\$1.00
<i>M. bocasana</i> . Mexico. Wooly with brownish hooked spines. Beautiful	25c and 50c
<i>M. campotricha</i> . Mexico. Depressed globose; slender tubercles, yellow curling spines. A very unusual, tangled looking species	25c to \$1.00
<i>M. candida</i>	\$1.00
<i>M. celsiana</i> . S.	25c to \$1.00
<i>M. compressa</i> . Central Mexico. Forms dense clusters.	
<i>M. chapinensis</i> . Imported from Guatemala. Has milky juice. Light red fls.	1.00 to \$2.00
<i>M. dioica</i> . Dark, fishhooked Mam. Native to San Diego. Fl. petals creamy white with red mid-rib	25c to \$2.00
<i>M. durispina</i> . Crimson fls. S.	15c to 50c
<i>M. Eichlami</i> . Imported from Guatemala.	50c
	\$2.00



*Mammillaria parkinsonii*

*Mammillaria durispina*

<i>M. elongata</i> . Mexico. "Golden Lace Cactus." Golden yellow, soft, interlaced spines. Clusters.....	15c to 35c
<i>M. elongata</i> var. <i>stella aurata</i> .....	15c to 35c
<i>M. Fischeri</i> (Pfeiffer). Same as <i>karwinskiana</i> (Martiis). .....	25c to \$1.00
<i>M. fragilis</i> .....	15c
<i>M. geminispina</i> .....	50c to \$1.00
<i>M. Habniana</i> . The old lady of Mexico. One of the most beautiful plants. S. 25c, 50c .....	Pl. \$1.00
<i>M. Hamilton Hoytate</i> .....	25c to \$1.00
<i>M. Hoffmanniana</i> .....	50c to \$1.00
<i>M. karwinskiana</i> .....	25c to \$1.00
<i>M. kelleriana</i> . New discovery .....	50c to \$1.00
<i>M. Lindsayi</i> . Chihuahua, Mexico. Discovered 1939 by Geo. Lindsay and Dr. Craig.....	S. 25c; Imported Plants \$1.00 to \$2.00
<i>M. longicoma</i> . 2½ in. .....	25c to 35c
<i>M. magnimamma</i> .....	25c to \$1.00
<i>M. Martinezi</i> .....	\$1.00
<i>M. Mendelianae</i> .....	25c to \$1.00
<i>M. mystax</i> .....	S. 25c; 4 in. \$1.00
<i>M. accidentalis</i> .....	50c
<i>M. Parkinsoni</i> .....	Mature \$1.00 up
<i>M. perbella</i> .....	50c to \$1.00
<i>M. plumosa</i> .....	\$1.00
<i>M. Praeli</i> . Imported from Guatamala.....	\$1.00; Clumps to \$5.00



*Mammillaria compressa*

<i>M. pringlei</i> .....	\$1.00
<i>M. psuedo-crustigera</i> .....	\$1.00
<i>M. pygmaea</i> .....	50c
<i>M. rhodantha</i> .....	S. 25c to \$1.00
<i>M. ruestii</i> . Imported from Guatamla .....	\$1.00
<i>M. schiediana</i> . Always small .....	35c
<i>M. sempervivi</i> . 1½ to 3 in. .....	35c to \$1.00
<i>M. sonoriensis</i> . Discovered 1940 .....	\$1.00
<i>M. sphacelata</i> .....	35c
<i>M. standleyii</i> .....	\$1.00
<i>M. swinglei</i> .....	\$1.00
<i>M. tarajaeensis</i> .....	35c to \$1.00
<i>M. uncinata</i> .....	50c
<i>M. vanpelli</i> .....	S. 25c
<i>M. viperina</i> Grafted .....	\$1.00

<i>M. Wagneriana</i>	\$1.00
<i>M. Walthoni</i>	\$1.00
<i>M. Winteriana</i> . 3½ in.	\$1.00
<i>M. Woodsi</i>	S. 25c; 3 in. \$1.00
<i>Melocactus bahamensis</i> . Beautiful seedlings	50c
<i>Melocactus intortus</i>	50c
<i>Monvillea Spegazzinii</i> . S. Amer. Beautiful, slender, purple-green stems mottled with cream. White flowers	35c

## NOTOCACTUS

Globular to cylindric plants with fine flowers and usually highly colored spines.

<i>N. apricus</i> ( <i>Tabularis, Depressus</i> )	25c to \$1.00
<i>N. Haselbergi</i> . Brazil. Globular ;hidden by creamy, setaceous spines. Fls. red	50c
<i>N. Leninghausi</i> . Brazil. Beautiful old gold spines. Fls. yellow. Good sized grafted	\$1.00 to \$1.50
3 year seedlings	50c
<i>N. ottonis</i>	S. 25c to 50c
<i>N. scopula</i> . Brazil. A most beautiful plant with slender white and red spines. Brown, fuzzy buttons at apex of plant turn into wonderful, yellow fls.	\$1.00
<i>N. submammulosus</i> . S. Amer.	50c to \$1.00
<i>Nyctocereus serpentinus</i> . Tall columns, slender, growing to top of houses. 50 white, very fragrant blooms.	

## NOPALEA

*Nopaleas* are *Platyopuntia* type plants but the flowers never open wide and the stamens and pistil are exserted.

<i>N. Auberi</i> . Smooth, spineless; free blooming; per cut	25c
<i>N. cochenillifera variegata</i> . Per cut	15c
<i>N. dejecta variegata</i> . Unusual variegated form. Per cut	25c

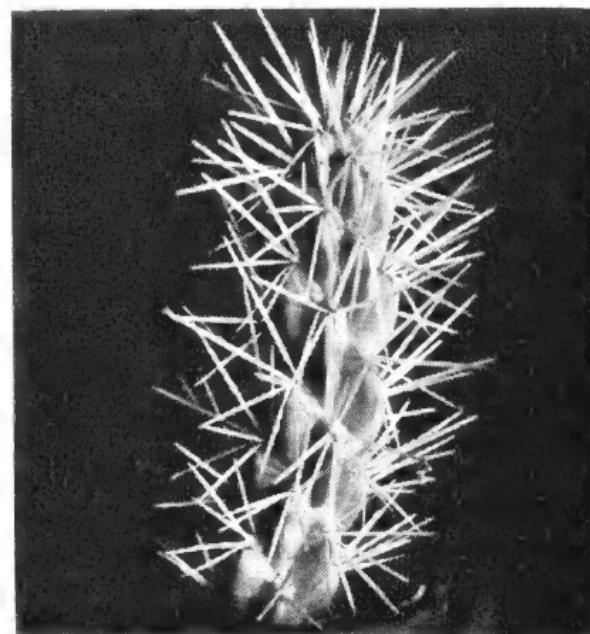
## OPUNTIA

### (Cylindrical and intermediate types)

Cuts only. 10c each unless otherwise stated. Cuts of all cacti must be kept dry until rooted.

<i>O. Bigelovii</i> . The golden spined cholla. Except where desired for color scheme not desirable. Dangerous with its barbed spines and easily detached joints. Plants	35c
<i>O. bulbospina</i>	35c
<i>O. cholla</i> . Lower Calif. Fls. deep purple. Brown sheathed spines.	
<i>O. cirrhosa</i> . Lower Calif. Similar to <i>bigelovii</i> but less spiny.	
<i>O. clavata</i> . Rough spines, yellow flowers. N. Mexico.	
<i>O. congesta</i> . Sonora. Slender, long spines with gold sheaths. Striking.	
<i>O. cylindrica</i> . Ecuador. Green, imbricate tubercles; fls. scarlet.	
<i>O. Davisi</i> . Texas. Golden spines; fls. yellow.	
<i>O. echinocarpa</i> . Calif. "Silver and Gold Cholla."	
<i>O. (Tephrocactus) floccosa</i> . Peru-Bolivia. "Polar Bear Cactus." Hardy. Globular to cylindric stems hidden by silky hair through which protrude yellow spines. Fls. yellow. Cuts	15c
<i>O. fulgida</i> . Arizona.	
<i>O. glomerata</i> ( <i>Tephrocactus papyracanthus</i> ) ( <i>diademata</i> ). Argentina. Has gray, paper spines on gray green globes. Fls. white. Rooted cuts	15c

<i>O. (Grusonia) Hamiltoniae</i>	25c to 50c
<i>O. invicta.</i> Beautiful broad white spines, rare, unusual. Plant	75c
<i>O. imbricata.</i> Colo. to Central Mexico. When kept properly trimmed this green, tree-like cactus is very ornamental. Fls. purple.	
<i>O. kleiniae.</i> Texas. Slender; long yellow spines.	
<i>O. leptocaulis.</i> S. W. U. S. Slender easily detachable joints. Has lovely red fruit that give the plant the appearance of a holly bush.	
<i>O. (Tephrocactus) lagopus.</i> Beautiful S. Amer. covered with yellow wool. Plant	35c to \$1.00
<i>O. mammillata.</i> Very tubercled. Arizona.	
<i>O. elata ovata cespitose.</i> Yellowish green. Argentina.	
<i>O. Parryi.</i> Light brown wool. Yellow spines. Yellow fls. Cal.	
<i>O. prolifera.</i> San Diego. Vicious cholla with easily detached joints.	
<i>O. (grusonia) rosarica</i>	25c to 50c
<i>O. serpentina.</i> Prostrate, yellowish brown spines, greenish yellow fls. San Diego.	
<i>O. subulata.</i> Argentina. Different from any native <i>Opuntia</i> . Round stems, pronounced, long, conic leaves.	
<i>O. te es.</i> S. Amer. Attractive crimson fls.	
<i>O. tunicata.</i> Central Mexico, Ecuador, Peru, Chili. Very beautiful with white, sheathed spines (sometimes dark red, brown.) Have both colors.	



*Opuntia tunicata*  
Shining White spines

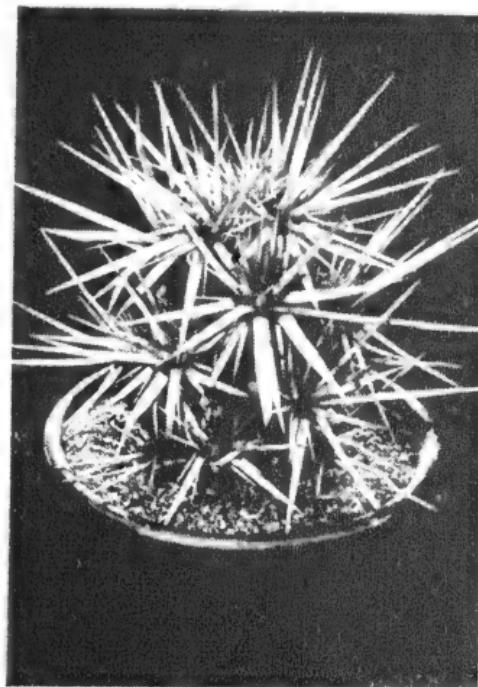
<i>O. vestita.</i> S. Amer. Slender stems covered with soft, white hairs. New growth has long, narrow, terete leaves. Rare. Cuts.....	10c; Rooted plants 50c
<i>O. vilis.</i> Miniature tree-like. Fine for bowls. Plant....	10c
<i>O. (grusonia) wrightiana</i> .....	50c

## OPUNTIA

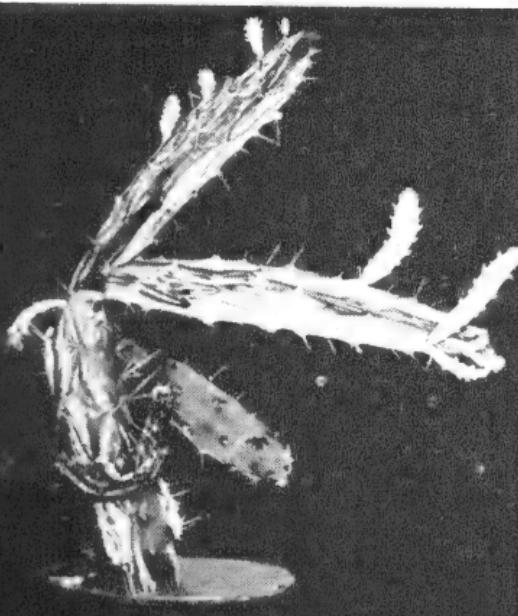
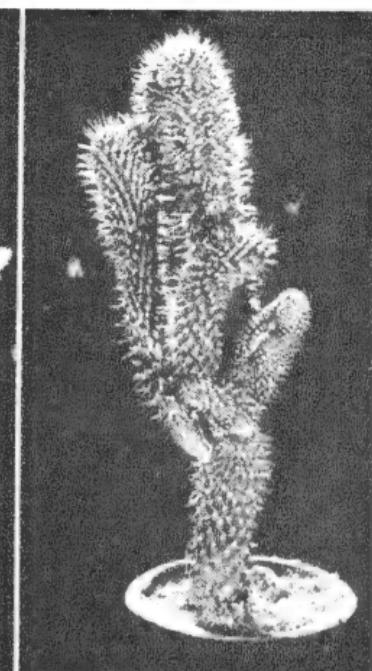
### (*Platyopuntia* or flat branched types)

Cuts at 10c each unless otherwise stated. Keep dry till rooted.

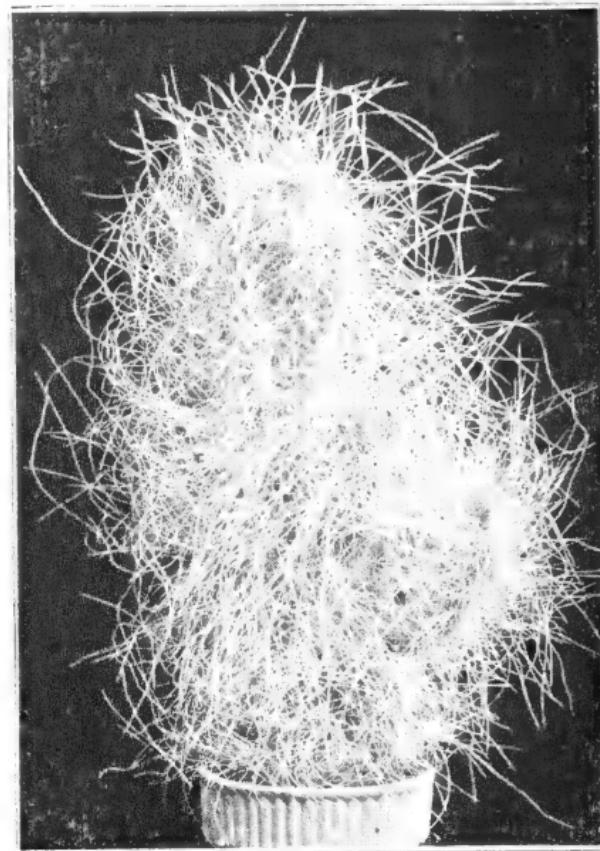
<i>O. aurantiaca.</i> Semi cylindric. Long spines. S. Amer.	
<i>O. basilaris.</i> Calif. The Beaver Tail. A lovely plant varying color from grey green to soft purple. Matte finish. Magenta bloomer plants.....	15c to \$1.00
<i>O. basilaris brachyclada.</i> An anomalous form of <i>O. basilaris</i> .	
<i>O. Boldsinghi.</i> Curacao to N. S. Amer. Few short, brown spines. Fls. rose.	

*Opuntia invicta*

- O. bonata.* Smooth, blue, thick pads. Spineless.....15c  
*O. brasiliensis.* Brazil, Paraguay, Peru, Argentina, Bolivia. A very fine, thin leaved, green *Opuntia* with a central trunk. Its form and its waxen-yellow fls. make it a desirable pot plant.  
*O. decumbens.* Mex. to Guatemala. Prostrate. Dark spot at each aerole.  
*O. elata-obovata.* Paraguay. A lovely dark green, smooth surfaced plant with a few long spines. Flower of an apricot shade. Unusual.  
*O. erinacea.* Ariz. to Calif. "The Grizzly Bear." Long, numerous, soft, thin spines giving it a hairy look. Fls. magenta to yellow. Cuts 10c. Plants .....25c to \$1.00  
*O. ficus-indicus.* Common, spineless.  
*O. grandiflora.* Texas. Few spines. Large, yellow fls. with red centers. Cuts .....20c  
*O. hystrix-acantha.* Oaxaca. Spines white, fls. red.  
*O. Knuthiana.* (Cuba).

*Nopalea dejecta  
variegata**Opuntia mamillata  
cristata*

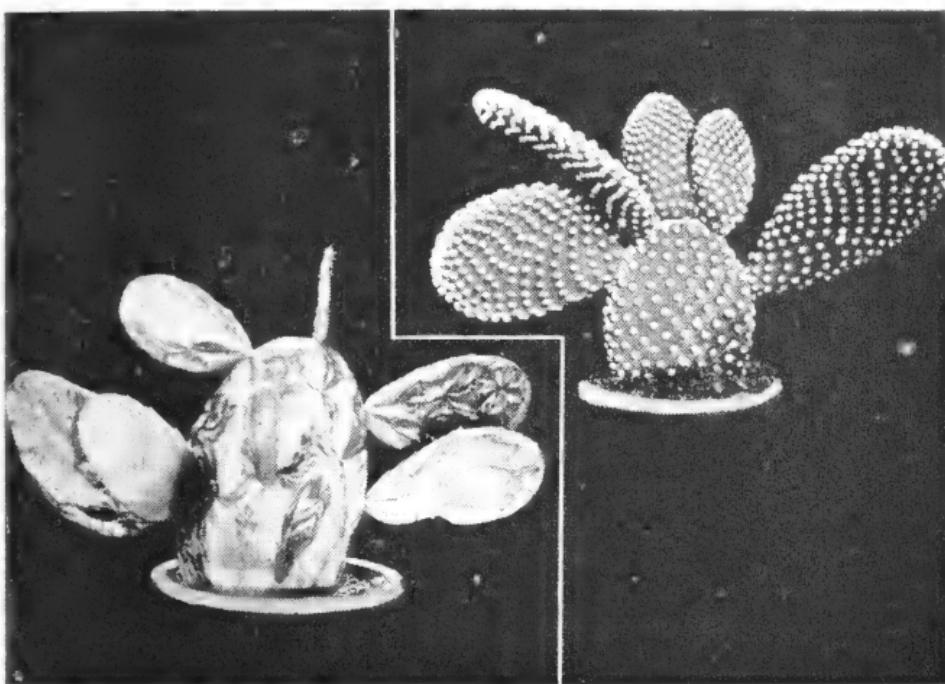
*O. leucotricha.* A very large stately variety with short, pure white, hair-like spines.



*Opuntia erinacea*

<i>O. linguiformis.</i> The peculiar cow's tongue cactus of Texas.	
<i>O. microdasys.</i> N. Mexico. Covered with tiny, golden yellow glochids looking like velvet but dangerously deceptive. Small ones perfect in bowls. <i>variety alba</i> , pure white, velvety and can be handled with impunity. Plants .....	25c and 35c
<i>O. Milspaighi (Consolea)</i> .....	25c
<i>O. monacantha (vulgaris).</i> Brazil. Thin pads with long, dark spines.	
<i>O. monacantha variegata.</i> The best seller because of its unusual marbled mosaic of color and design.	
<i>O. moniliformis (Consolea haitiensis).</i> Few yellowish spines. Fls. yellow to orange. Pads 4 in. by 25 in. forms a tree. Beautiful .....	35c up
<i>O. pilifera.</i>	
<i>O. pycantha.</i> Spines yellow, from Magdalena Is., Lower Calif. .....	50c
<i>O. pycantha</i> var. <i>margaritana</i> . Same, but with brownish red spines, and from Margarita Island. Both very fine and rare .....	50c
<i>O. rafinesque (opuntia).</i> Hardy. Small green pads. Grows erect in summer but becomes procumbent in fall so that snow will not break it.	
<i>O. retrorsa.</i> Argentina. A very charming dark green, shining, sprawling <i>Opuntia</i> . Each spine seems to cast a long purple shadow. The joints are flat but very thick and nearly round.	
<i>O. robustus.</i> "Dinnerplate." Large, round bluish pads.	
<i>O. rufida.</i> Texas and Mexico. Like <i>microdasys</i> but the spines are auburn and more widely spaced. A perfect harmony of color are those rich hues on a dark, green ground.	

- O. santa-rita.* Arizona. Purplish pads in winter. Sage green in growing season. Flowers golden yellow, as large as a water lily.  
*O. Scheeri.* Mexico. Almost covered with yellow, hair-like spines. Fls. yellow. Handsome. Cuts.....15c  
*O. Scheeri.* White spines. Rare.....25c  
*O. velutina.* Pads pubescent.



*Nopalea cochenillifera*  
variegata

*Opuntia*  
*microdasys alba*

### OREOCEREUS

Wooly, columnar South America *Cerei*, sometimes mistaken for the "Old Man Cactus."

- Oreocereus celsianus.* Bolivia. Brownish spines, long wooly hairs on top. Handsome.....\$1.00, \$2.00, \$3.00  
 Large, grafted .....\$3.00  
*O. fossulatus.* Argentina. Long, white wool and long yellow spines. A fine *Gereus*.....\$2.00, \$3.00, \$5.00  
*O. Trolli.* The hairiest of the three *Oreocereus* listed here. Exceptionally beautiful .....50c to \$1.00  
 Large, grafted .....\$3.00

### PACHYCEREUS

- P. marginatus.* Mexico. "Organ Cactus." Smooth, green columns, usually 4 to 7 ribs with small spines regularly spaced on them. Used as hedges in Mexico .....\$1.00 to \$10.00  
*P. pecten-aboriginum.* Mexico giant .....\$1.00  
*P. Pringlei.* Lower Calif., and Mexico. Similar to the *Carnegiea gigantea* but slenderer when young. One of the very largest cacti .....\$1.00 to \$2.00  
*Parodia.* S. Amer. genus of great interest and beauty of spine and flower.  
*P. aureispina.* Golden spines, yellow flowers....20c to \$1.00  
*P. maassii.* Orange brown curved spines. 3 in. .....\$1.00  
*P. nivosa.* White spines with red flowers. Gft.....\$2.00  
*Peniocereus Greggii.* The strange night bloomer of the S. W. Enormous tuberous roots; slender, ribbed stems; big, white fls. Grows in shade.....\$1.00

## PERESKIA

<i>Pereskiae</i> are the first form in evolution from other plants to Cacti. Cuts only for sale, easily rooted.	
<i>P. godseffiana</i> . The most beautiful one in coloring of the leaves. Supposed to have been a sport and to have originated in Australia. A fine hot house plant. Plants	50c
<i>P. pereskia (aculeata)</i> . Tropical Amer. A vine looking like a bougainville but a true Cactus. Very sweet, creamy, waxen fls. Rapid grower.....	Cuts, 10c; plants 20c
<i>P. sacharosa</i> . Beautiful large orchid flowers. Cuts....	10c
<i>P. grandifolia</i> . Clusters of orchid flowers. Cuts.....	25c
The <i>Pereskiopsis</i> are the second step in evolution in Cacti.	
<i>Pereskiopsis chapistle</i> . Branching with fleshy leaves and yellow flowers and red fruit. Mexico. Cuts .....	25c
<i>P. Deguitii</i> . Cuts .....	50c
<i>P. Porteri</i> . Lower Calif. and Mexico. Waxen yellow blooms, orange fruit, thick leaves, sprawling. Cuts .....	20c
<i>Rathbunia Alamosensis</i> . Cereus like plant from Alamos, Mex. Red fls. Large, flowering size .....	\$1.00
<i>Rhipsalis cereuscula</i> . New and Old World Tropics. "The Rice Cactus." An unusual plant good for hanging baskets. Rice Cactus.....	15c to 50c
<i>R. boulletiana</i> .....	25c to 50c
<i>R. pentaptera</i> .....	25c to 50c
Allied plant:	
<i>Hatiora salicornioides (Hariota)</i> . Hanging basket plant .....	15c to 50c

## STENOCACTUS

An interesting Mexican genus, the plants have numerous ribs (from 10 to 150) usually wavy. Require calcareous soil.	
<i>Stenocactus bicolor</i> . Flat spines ribs 33. S.....	25c
<i>S. carneus</i> . Few long spines; ribs 34. S. ....	25c
<i>S. coptonogonus</i> . S. ....	25c
<i>S. crispatus</i> . Spines light. Ribs about 25; fls. purple. S. 25c	
<i>S. flavispinus</i> . Long, light spines; ribs 30. S. 25c....	\$1.00
<i>S. grandicornis</i> . Ribs 34 to 35. Fls. whitish purple. S....	25c
<i>S. multicostatus</i> . 100 or more ribs, very thin, wavy....	50c
<i>S. ochoterenaeus</i> . Dark gray spines; ribs 34. S. 25c....	\$1.00
<i>S. oxygona</i> . S. ....	25c
<i>S. pentacanthus</i> . Ribs 25 to 50; fls. deep violet. S....	25c
<i>S. phyllacanthus</i> . Ribs 30 to 35. Fls. yellowish. S....	25c
<i>S. robustus</i> . Few heavy spines; ribs 35. S. ....	25c
<i>S. raupelianus</i> . White radials, brown spines; ribs 50. S. 25c .....	1.00

## THELOCACTUS

Globular with rather inconspicuous ribs and fine flowers.	
<i>T. hexaedrophorus</i> .....	\$1.00
<i>T. leucacanthus</i> .....	\$1.00
<i>T. longispinus</i> .....	50c to \$1.00
<i>T. phymatothele</i> .....	\$1.00
<i>T. porrectus</i> . Mex. Ribs rounded. Spines brown.....	35c to \$1.00
<i>T. rinconensis</i> .....	\$1.00

## TRICHOCEREUS

<i>T. Bridgesi</i> . Bolivia. Hardy to 30 F. Stems green; few spines, yellow; fls. white .....	50c to \$1.00
<i>T. huascha</i> . (Now often classed as a <i>Lobivia</i> ). Argentina. Short spines; low grower; fls. yellow or red. Rare .....	50c to 75c
<i>T. lamprochlorous</i> . Argentina. Forms dense clusters; bright green; yellow spines; fine white fls.....	50c to \$2.50

<i>T. macrogonus.</i> Few rounded ribs; long spines; fl. buds covered with black wool. Fls. white..	50c to \$1.00
<i>T. Pachanoi.</i> Ecuador. Rounded, smooth, green ribs. Short spines. White fls. Very good.....	50c to \$1.00
<i>T. Pasacana.</i> Argentina and Bolivia. Hardy. Grows very large. In higher altitudes has white spines and wool in lower brown spines only.....	\$1.00, \$2.00, \$5.00
<i>T. Schickendantzi.</i> Argentina. Low grower forming dense clumps. Fls. large, white .....	15c to \$1.50
<i>T. Shaferi.</i> Argentina. Low, columnar, forming offsets. Fls. white .....	35c
<i>T. spachianus.</i> Fast grower, yellow spines, day bloomer .....	15c to \$1.00
<i>Weberocereus biolleyi.</i> Long slender climbing branches, pinkish flower. Costa Rica .....	\$1.00
<i>Wilcoxia senilis.</i> Mexico. Small, hairy plant looking like a slender "Old Man." Grafted.....	50c to \$1.00

## ZYGOCACTUS and SCHLUMBERGERA

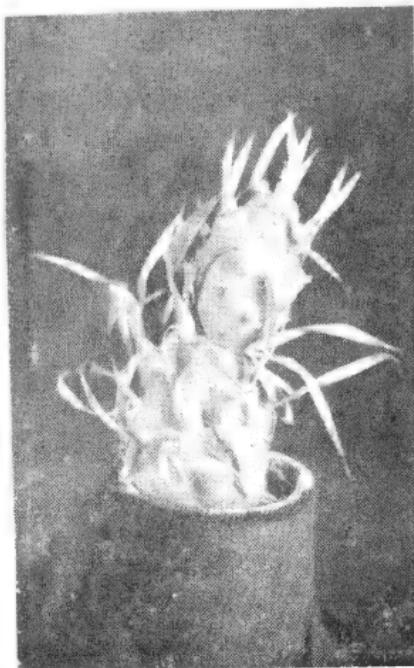
*Zygocactus* and *Schlumbergera*. (Crab Cactus) The *Zygocactus* differ from the *Schlumbergera* by having irregular fls. and broader petals. Following are grafted:

<i>Schlumbergera gaertneri</i> (Easter Cactus). Scarlet fls.	50c to \$1.00
<i>S. russeliana</i> (Easter Cactus). Scarlet fls.....	50c to \$1.00
<i>Zygocactus bicolor.</i> Red and white flowers.....	50c to \$1.00
<i>Z. le vesuv.</i> Dec. and Jan. Violet .....	\$1.00
<i>Z. Mme. Chatney</i> (Thanksgiving cactus). Nov. Salmon fls. ....	50c, 75c, \$1.00
<i>Z. truncatus.</i> Brazil. Xmas Cactus. Dec. Magenta fls. own roots .....	25c to \$1.00

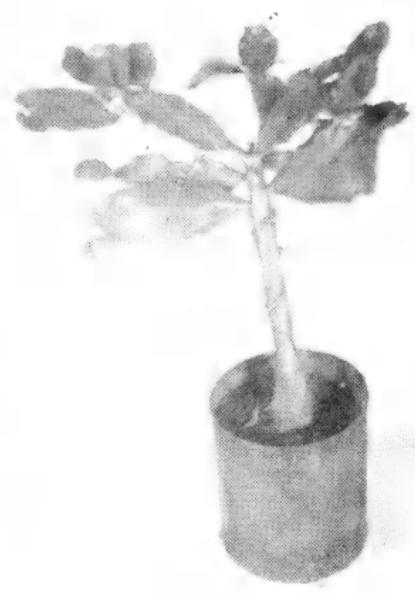
## CACTUS CRISTATES

The following are grafted unless otherwise stated.

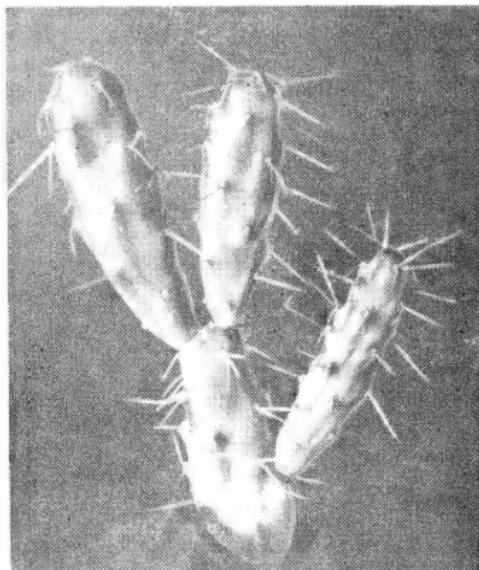
<i>Cephalocereus senilis.</i> Rarely crests .....	\$5.00
<i>Cereus nobilis</i> .....	\$5.00
<i>Chamaecereus sylvestrii</i> .....	\$1.00
<i>Cleistocactus baumanii</i> .....	\$1.00
<i>Corypantha erecta</i> .....	\$1.00
<i>Echinocereus berlandieri.</i> Texas .....	\$1.00
<i>E. chloranthus.</i> Texas. White wooly when grown under glass .....	\$1.00
<i>E. reichenbachii</i> .....	\$1.00
<i>Echinopsis multiplex.</i> Grafted or own roots.....	\$1.00
<i>E. oxygona.</i> Brazil .....	75c to \$2.00
<i>Ferocactus viridescens.</i> Own roots. Rare...\$1.50 and \$3.00	\$1.50 and \$3.00
<i>Hickenia microsperma</i> .....	\$1.00
<i>Mammillaria celsiana</i> .....	\$1.50
<i>M. chinocephala.</i> Fine .....	\$1.00 to \$2.00
<i>M. compressa.</i> Own roots. Fine .....	\$1.00 to \$3.00
<i>M. elegans</i> .....	\$1.00 to \$2.00
<i>M. geminispina</i> .....	\$1.00
<i>M. habniana.</i> Good .....	\$2.50
<i>M. karwinskiana</i> .....	\$2.00
<i>M. perbella</i> .....	\$1.00
<i>Notocactus leninghausii</i> .....	\$2.50
<i>N. scopo.</i> Soft white spines. One of best....\$1.00 to \$5.00	\$1.00 to \$5.00
<i>N. submammulosus</i> .....	\$1.00
<i>N. tabularis</i> .....	\$1.00
<i>Opuntia floccosa.</i> Hairy .....	\$1.00
<i>O. mammillata.</i> Own roots .....	25c to \$1.00
<i>Thelocactus Bolensis</i> .....	\$1.00 to \$2.00
<i>Trichocereus candida</i> .....	\$1.00
<i>Rebutia pygmaea</i> .....	\$1.00



*Tephrocactus glomerata*



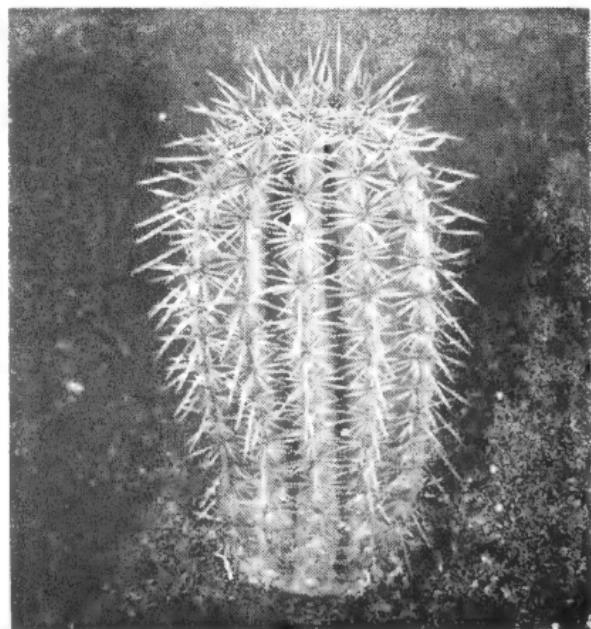
*Opuntia braziliensis*



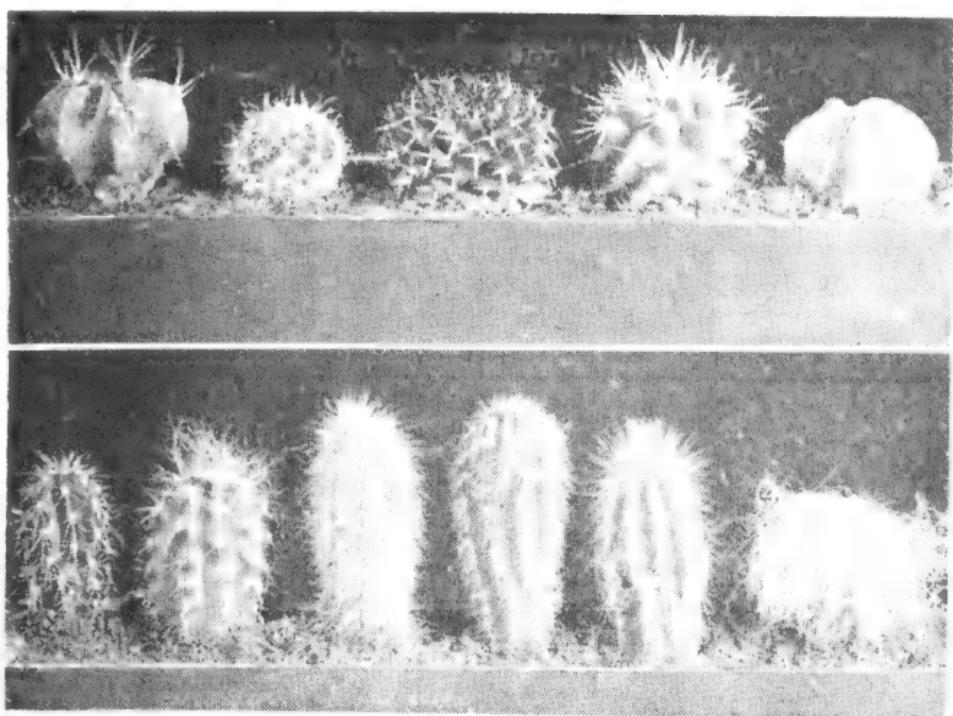
*Opuntia retrosa*



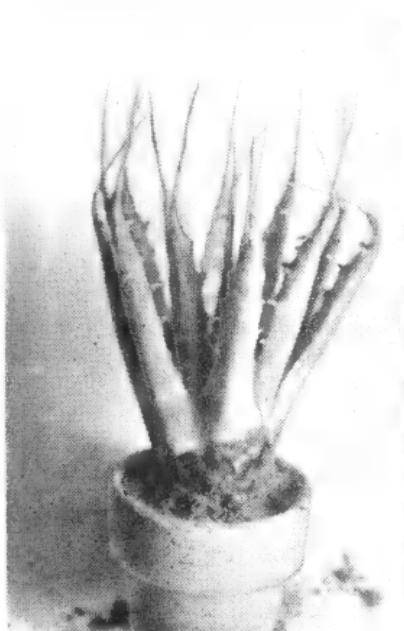
*Opuntia aurantiaca*



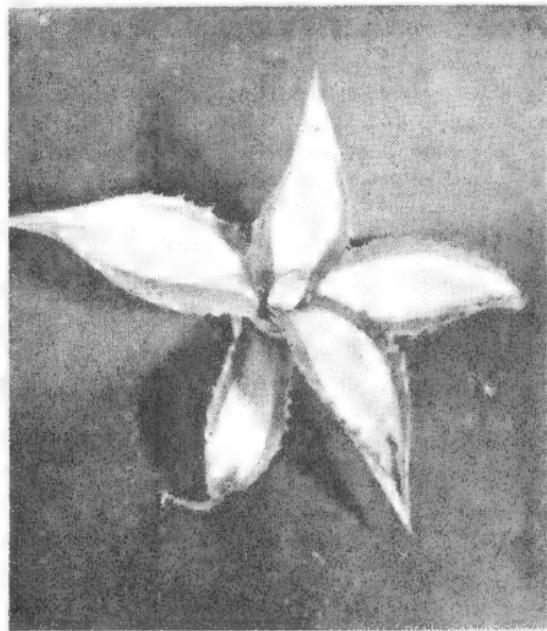
*Carnegiea gigantea*  
The Giant Saguaro



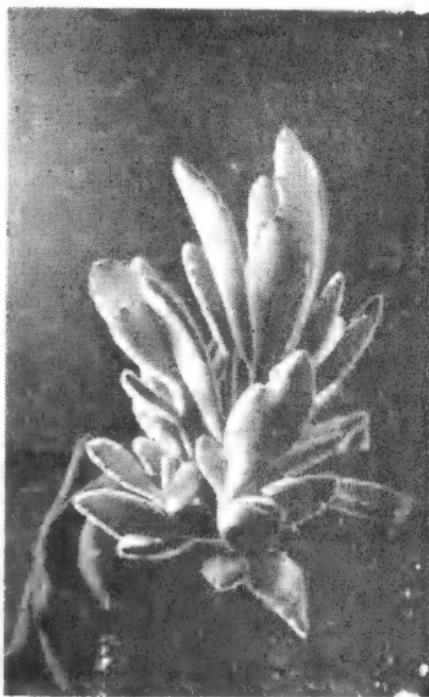
Foreign *Cacti* Seedlings



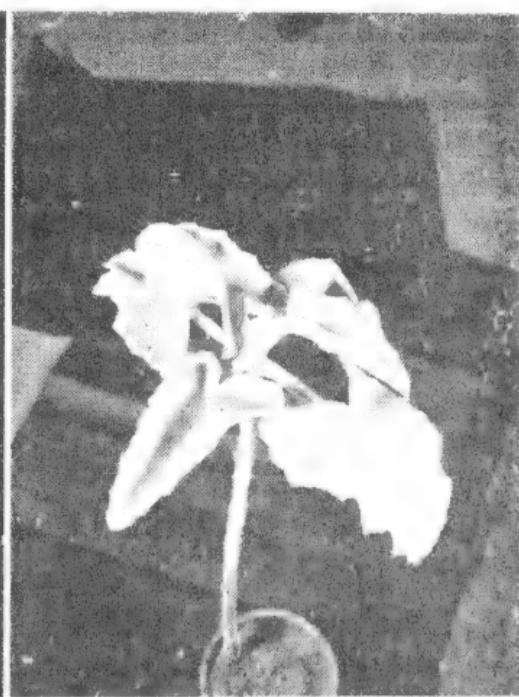
*Agave utahensis*



*Agave americana medio picta*



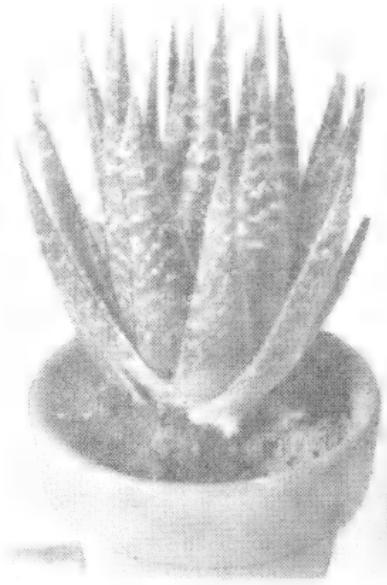
*Kalanchoe pilosa*



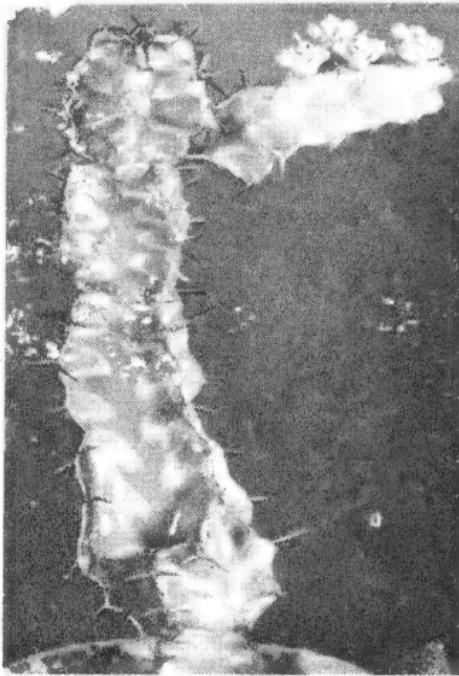
*Kalanchoe beharensis*



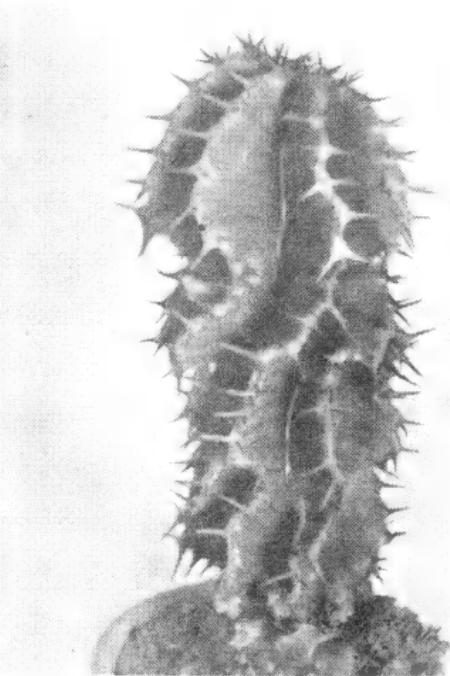
*Gasteria latifolia*



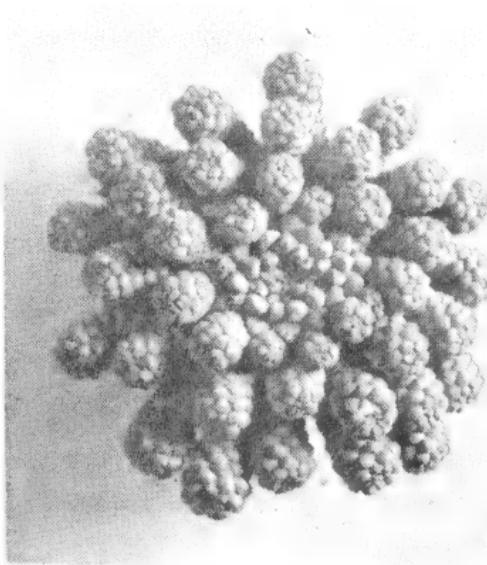
*Gasteraloe Beguinii*



*Euphorbia pseudocactus*



*Euphorbia abyssinica*



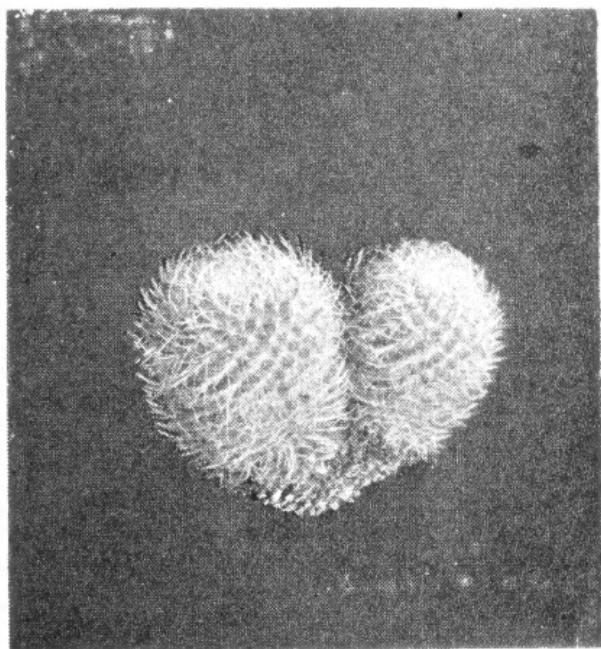
*Euphorbia caput-medusae commelinii*



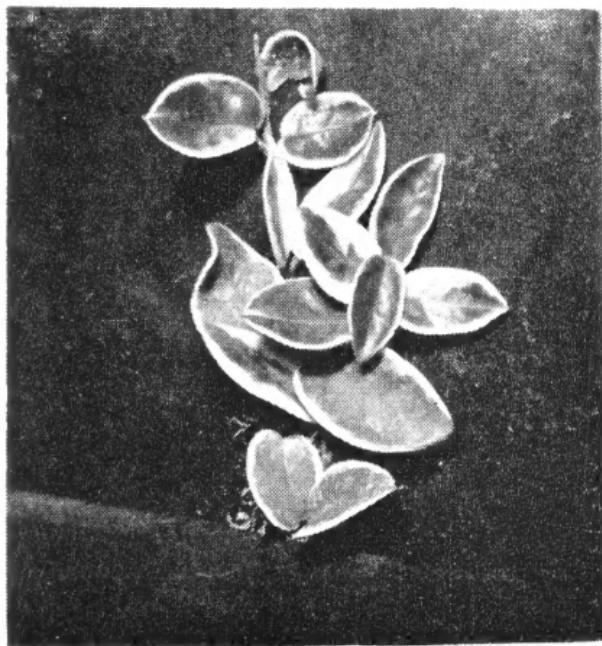
*Euphorbia amak monstrosa*



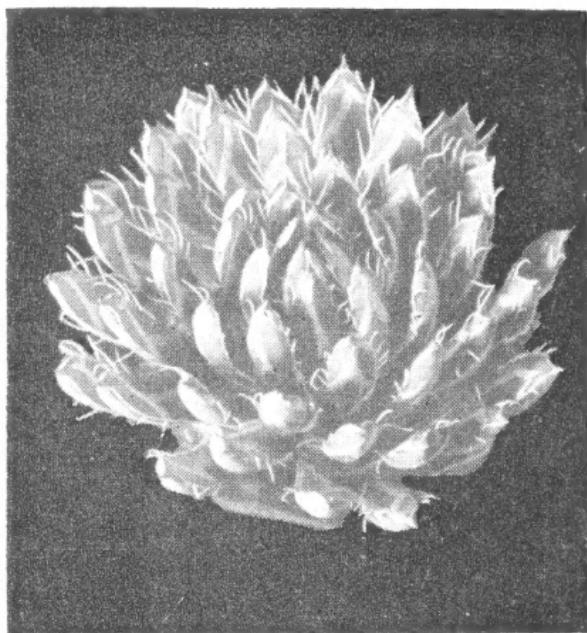
*Ferocactus coloratus*



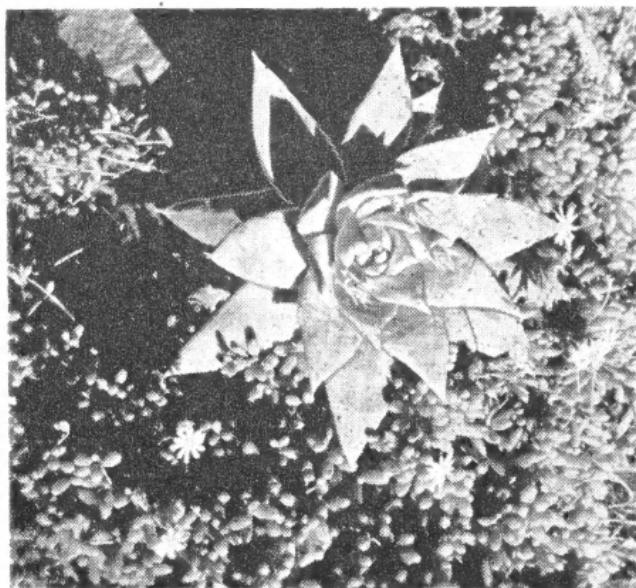
*Mammillaria pringlei*



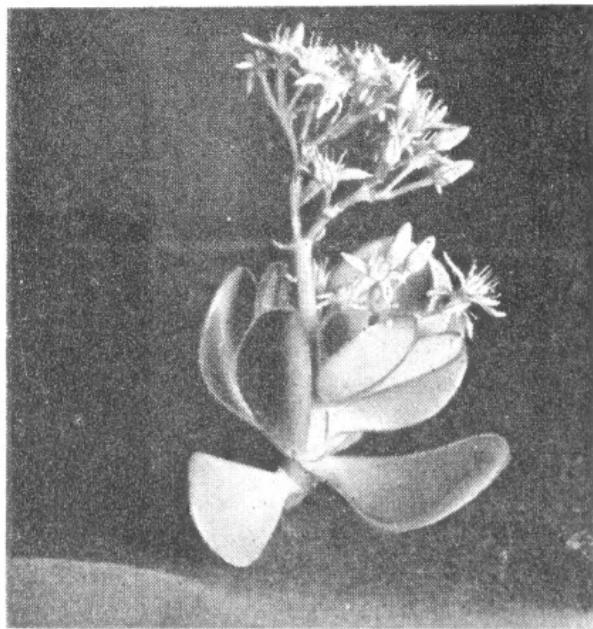
Variegated *Hoya carnosa*



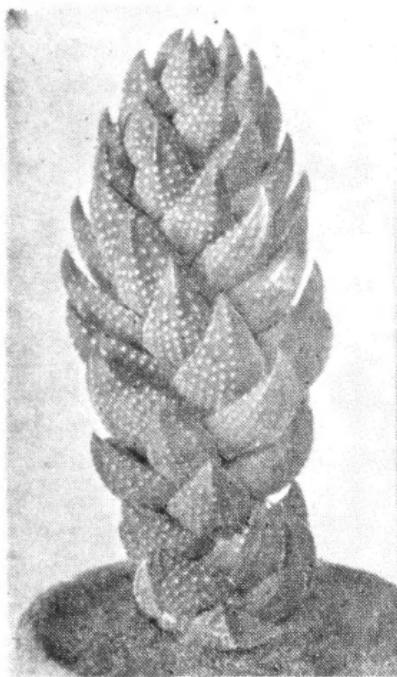
*Agave perplexan*



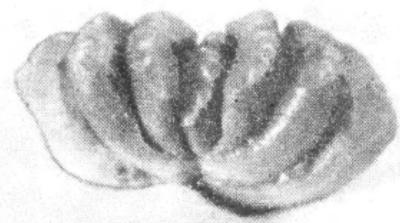
*Dudleya brittoni* in a bed of  
*Othonna crassifolia*



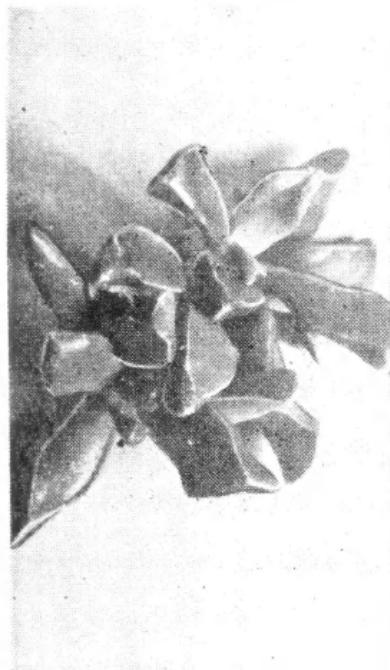
*Crassula Portulaceae*



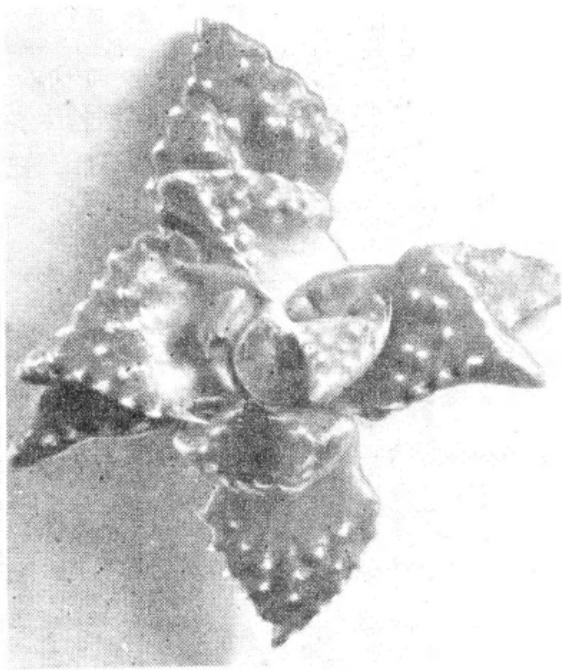
*Haworthia chalwini*



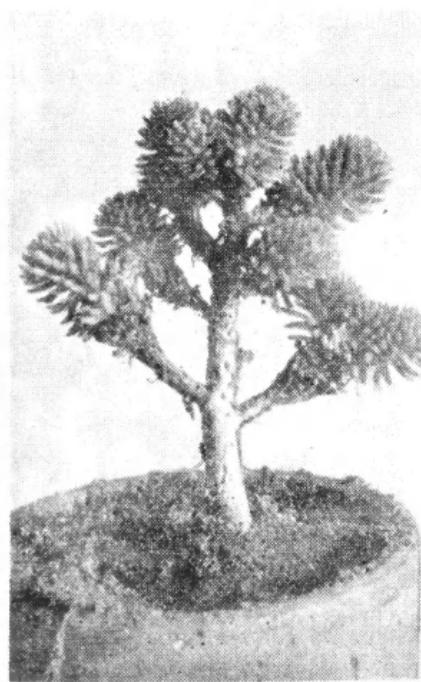
*Haworthia truncata*



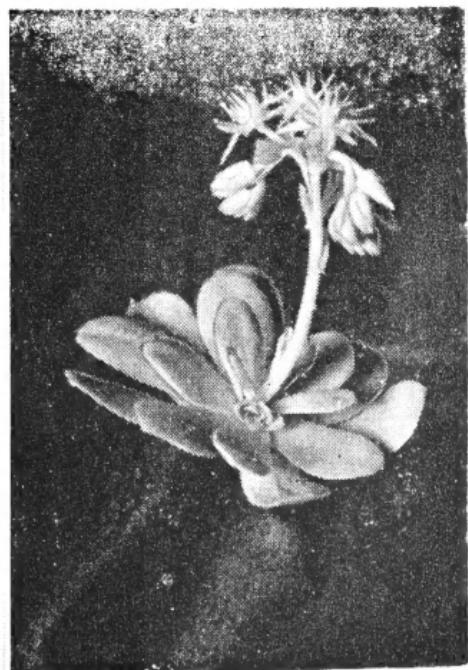
*Rhomboideum  
rhombophyllum*



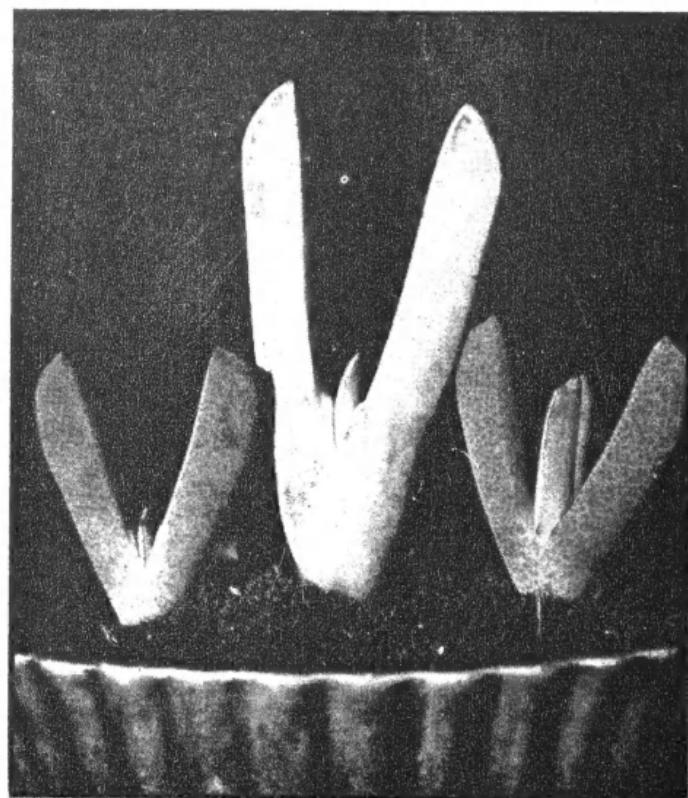
*Faucaria tuberculata*



*Sedum multiceps*



*Sedum compressum*



—Courtesy of Hummel's Exotic Gardens

*Cheirodopsis candidissima*

The Victory Plant